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Binomial Tables

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Binomial Tables

HARRY G. ROMIG

Quality Manager

Hughes Aircraft Company

Culver City, California

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under the title

TABLE OF INDIVIDUAL AND CUMULATIVE
TERMS OF THE POINT BINOMIAL. $(q + p)^n$
n: 50 to 100, in steps of 5
p: .01 to .50, in steps of .01

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FOREWORD

The tables in this book will find many uses both within and outside the field of quality control, and the discussion of interpolation which is included should notably enhance that usefulness.

Effective inspection plans are corollary to the quality control of manufactured products, and such plans can be determined only after evaluation of the probabilities connected with the various sampling procedures used. In making such evaluations, it has been necessary in the past to use approximate values of the p binomial. The exact values in these tables will afford a welcome substitute for such approximate values.

Dr. Romig's many contributions to the field of sampling inspection are well known, and it is particularly appropriate that he should now provide us the probability values necessary to the working out of sampling plans. He and his associates at Bell Telephone Laboratories are to be commended for the useful form in which they have presented these tables.

G. D. EDWARDS

Director of Quality Assurance
Bell Telephone Laboratories

PREFACE

This volume presents tables for the positive binomial $(q + p)^n$, where $q = 1 - p$, and covers the range of n values from 50 to 100 in steps of 5 and the range of p values from .01 to .99 in steps of .01. These tables, prepared while the author was associated with Bell Telephone Laboratories, give to six decimal places, the last doubtful, individual and cumulative probabilities for all values of x from 0 to n , where a six-place number exists. Each table for a particular set of n and p values is arranged in three columns, the first column designating the x value for which probability values listed in the second and third columns are given. The values in these columns are as follows:

Column 1: Value of x ,

Column 2: Individual Term—Probability of exactly x , and

Column 3: Cumulative (x or less)—Probability of x or less.

The cumulative values are summed from 0 to x . To obtain a probability value for x or more, read the cumulative value for $x - 1$ and subtract the value read in the third column from 1.

For n values from 2 to 49 Reference [1] derived from Reference [2] presents probability values of the same nature as these Tables, the two tables jointly covering the range from 2 to 100. Probability values for intermediate p values for both tables and for intermediate n values for these Tables require the use of exact or approximate interpolation relations. In other instances where probability values are known, some of the other variables may be unknown. The solution for these latter problems is termed inverse interpolation. A brief treatment of interpolation for p is given in Reference [1] and is included herein for both p and n . For more complete interpolation procedures including inverse interpolation other texts should be consulted.

These Tables were computed at Bell Telephone Laboratories on a General Purpose Digital Computer (now known as the Model 5 Bell Laboratories Computer). They were collated and issued in preliminary draft form in a copyrighted *Memorandum*, dated June 4, 1947. In papers prepared by E. G. Andrews and H. W. Bode describing the Computer, these Tables are mentioned as one of the practical results obtained from it. The preliminary draft was reviewed in Reference [3] by W. Feller of Princeton University when at Cornell University.

ACKNOWLEDGMENT

Thanks are extended to E. G. Andrews for his cooperation and assistance in computing these Tables; to H. Nyquist, John Riordan, and H. W. Bode for their aid in arranging for the project; to F. L. Alt of Aberdeen Proving Ground and his able assistant, Bettie Boyd, for setting up the project on the Computer; and to Alice G. Loe for checking all parts of these Tables, for computing some 5% of the tabular values which could not be completed by the Computing System because of limited availability, and for proof-reading parts of these Tables.

I am particularly indebted to G. D. Edwards and H. F. Dodge for fostering this project. My deepest appreciation is extended to Florence Shepard Briesmeister, Suzanne Campbell Ayres, Shirley M. Holt, and Elizabeth F. Lockey for assisting in the preparation and computation of examples for evaluating the different methods of interpolation; and to other members of the Quality Assurance Department of Bell Telephone Laboratories for guidance and cooperation.

My deepest thanks to Keet W. Halbert for his valuable criticism of the various interpolation methods; and to John Ulmschneider for compiling the three values of p on a page from the original layout of two values of p on a page.

I wish to express my appreciation to Professor H. O. Hartley of the University of London, for reviewing this work, and for his suggestions concerning the presentation of the material in two separate volumes, one giving the tables and a second covering interpolation given in Section 6 of the Introduction. I am deeply grateful to John Riordan of Bell Telephone Laboratories for developing many of the relations for exact interpolation, presented also in Section 6, which he has kindly granted me permission to use.

HARRY G. ROMIG

May 15, 1952
Los Angeles, California

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INTRODUCTION

1. The Binomial, General and Restricted Forms

Recent advances in statistical techniques and procedures have given rise to a demand for tables of the more commonly used functions for which no values, or only a limited number of values, have been tabulated. Among these functions is the positive binomial distribution. The general binomial $(a + b)^n$ has no restrictions placed on the values of a , b and n . These variables may be positive or negative, integral or fractional. Unless n is a positive integer, the resultant series is infinite. Placing the following restrictions on all three variables results in the positive binomial:

1. a and b are positive fractions whose sum is 1; and
2. n is a positive integer.

This restricted binomial is generally written as $(q + p)^n$, where $q = 1 - p$, termed the positive binomial distribution, for which the sum of all the $n + 1$ terms of the distribution is always 1. In its expanded form it is given as:

$$(q + p)^n = q^n + \frac{n}{1!} q^{n-1} p + \frac{n(n-1)}{2!} q^{n-2} p^2 + \dots + p^n. \quad (1)$$

The general term is written as:

$$P_{m,n} = C_m^n (1 - p)^{n-m} p^m. \quad (2)$$

Cumulatively this may be written:

$$\sum_{m=0}^{\infty} P_{m,n} = \sum_{m=0}^{\infty} C_m^n (1 - p)^{n-m} p^m. \quad (2')$$

The positive binomial distribution differs in its properties from the negative binomial described in References [4], [5], [6] and [7] and is used most commonly. Hereinafter, it is termed simply the binomial, for which probability values are provided by these 50-100 binomial tables. The binomial is also used to approximate many frequency distributions not satisfying all the conditions of a binomial distribution.

The binomial is not continuous, but consists of $n + 1$ finite terms. Since tables for the binomial cover only a restricted range of n and p values, approximation relations have been used to represent both individual and cumulative values, often with considerable

error. The normal distribution and the Poisson exponential distribution are often used as such approximations for certain regions of n and p , the normal where $p \approx .50$ and the Poisson where p is small, say less than .05.

2. Related Distributions Covered by These Tables over a Limited Range

Another distribution, the terms of which require a large amount of computation, is the hypergeometric, whose individual term is

$$P_{m,n;M,N} = \frac{1}{C_n^N} C_{n-m}^{N-M} C_m^M, \quad (3)$$

and whose cumulative term covering the entire distribution is

$$\sum_{m=0}^M P_{m,n;M,N} = \frac{1}{C_n^N} \sum_{m=0}^M C_{n-m}^{N-M} C_m^M, \quad (3')$$

where account is taken of the finite universe from which samples n are selected and $M = pN$. Discussions of this distribution are given in References [5] and [6]. When p is not large, a good approximation to the hypergeometric is provided by the so-called "f binomial," presented in Reference [8], p. 44, Equation (11). Its equation for an individual term is

$$P_{m,M,f} = C_m^M (1-f)^{M-m} f^m, \quad (4)$$

and whose cumulative term covering the entire distribution is

$$\sum_{m=0}^M P_{m,M,f} = \sum_{m=0}^M C_m^M (1-f)^{M-m} f^m, \quad (4')$$

where $f = n/N$ and $M = pN$. Probability values for the f binomial distribution may be determined directly from these Binomial Tables by entering them using the following substitutions:

Symbol in f binomial:	M	f	m
Symbol for entering table:	n	p	x

Prior to the publication of the Binomial Tables, Reference [1], probability values for the binomial for $n = 2$ to 49 were obtained from the "Tables of the Incomplete Beta-Function," Reference [2], by suitable substitutions. These Binomial Tables as well as those in Reference [1] may be used to obtain additional values of the Incomplete Beta-

Function if corresponding values of the Complete Beta-Function are available. Binomial probability values provide values of the ratio

$$I_x(p, q) = \frac{B_x(p, q)}{B(p, q)}, \quad (5)$$

where $B_x(p, q)$ is the Incomplete Beta-Function

$$B_x(p, q) = \int_0^x x^{p-1} (1-x)^{q-1} dx, \quad (6)$$

and $B(p, q)$ is the Complete Beta-Function

$$B(p, q) = \int_0^1 x^{p-1} (1-x)^{q-1} dx. \quad (6')$$

A useful recurrence formula for $I_x(p, q)$ is,

$$I_x(p, q) = x I_x(p-1, q) + (1-x) I_x(p, q-1). \quad (5')$$

In the above the notation of Reference [2] is used. Using the binomial notation, the relationship between the functions is as follows:

$$\begin{aligned} \sum_{m=0}^x C_m^n q^{n-m} p^m &= \frac{n! (n-x)}{(n-x)! x!} B_q(n-x, x+1) \\ &= \frac{n!}{(n-x-1)! x!} \int_0^q y^{n-x-1} (1-y)^x dy. \end{aligned} \quad (7)$$

The coefficient of the Incomplete Beta-Function may be written as

$$\frac{n!}{(n-x-1)! x!} = \frac{\Gamma(n+1)}{\Gamma(n-x) \Gamma(x+1)} = \frac{1}{B(n-x, x+1)} = \frac{1}{\int_0^1 y^{n-x-1} (1-y)^x dy}. \quad (7a)$$

The binomial and the ratio of the Incomplete Beta-Function to the complete Beta-Function are related as follows:

$$\sum_{m=0}^x C_m^n q^{n-m} p^m = \frac{B_q(n-x, x+1)}{B(n-x, x+1)} = I_q(n-x, x+1). \quad (7')$$

The notation of Reference [2] for the ratio $I_x(p, q)$ and its related functions uses the same letters as the binomial with different meanings, hence in this text a subscript I is attached to the symbols p, q, x and P related to the Ratio, and a subscript B is attached

to the symbols n, x, p and P related to the Binomial. In using these Tables for the determination of $I_x(p, q)$ the relations between these two sets of variables are:

$q_I \leq p_I$	$q_I \geq p_I$
$n_B = p_I + q_I - 1$	$n_B = p_I + q_I - 1$
$x_B = q_I - 1$	$x_B = p_I - 1$
$p_B = 1 - x_I$	$p_B = x_I$
$P_B = P_I$	$P_B = 1 - P_I$

3. Notation for Binomial

The following notations are used to represent the probabilities for individual terms and cumulative values of the binomial. The general term for the probability of the occurrence of exactly x events in n trials, where p is the probability of the occurrence of the event in a single trial and $q = 1 - p$, is

$$b(x, n, p) = P_{x, n, p} = C_x^n q^{n-x} p^x, \quad (8)$$

an individual term of the binomial distribution. The relation for determining the value of the cumulative sum of $x + 1$ terms from 0 to x , inclusive, that is, the probability of the occurrence of x or less events in n trials, is

$$B(x, n, p) = P_{x \text{ or less, } n, p} = \sum_{m=0}^x C_m^n q^{n-m} p^m. \quad (9)$$

The relation for determining the probability of the occurrence of more than x events is

$$B'(x, n, p) = 1 - B(x, n, p) = P_{\text{more than } x, n, p} = \sum_{m=x+1}^n C_m^n q^{n-m} p^m. \quad (10)$$

Cumulative probabilities are often expressed in terms of x or more. No special notation for such a cumulative probability is given herein, but its relation is

$$1 - B(x - 1, n, p) = P_{x \text{ or more, } n, p} = \sum_{m=x}^n C_m^n q^{n-m} p^m. \quad (11)$$

For many years, it has been necessary to compute these values, when required. Tables to simplify such computations have been published, such as Reference [9]. Tables of the Poisson exponential, the most extensive being Reference [10], have been used to

provide approximate binomial probability values where time to compute the binomials themselves was not available.

4. Description of These Tables

Procedure Used in their Computation

Part of the trial for the General Purpose Digital Computer (Model 5 Bell Laboratories Computer) consisted in computing both the individual and cumulative values of the binomial distribution. Tapes for use in the Computer were made for such computations using a Recursive Method. The term $q^n = (1 - p)^n$ was first determined, it being the probability value for $x = 0$ for a given value of n and p . The term for $x = 1$, the next successive term was found by multiplying q^n by $n \frac{p}{q}$, each succeeding term being obtained from the previous term by using the proper factor as a multiplier. Each succeeding individual term was determined by the relation

$$b(x + 1, n, p) = \frac{n - x}{x + 1} \frac{p}{q} b(x, n, p). \quad (12)$$

Error

This Recursive Method, due to opportunities for cumulative errors, gives values that are good in the fifth decimal place, but may be in error by several units in the sixth decimal place. The cumulative values were obtained by summing the individual terms beginning with $x = 0$, listing the first value when an integer appears in the sixth place. For both Individual terms and Cumulative values, these Tables give the sixth place, but this last figure is doubtful. The Cumulative values indicate this fact since the sum may be greater or less than 1.000000 by a few units, but it is not known what terms are in error in the sixth place. In these Tables, three values conclude at .999994, ten values at .999995 and one value at 1.000003. The balance of these Tables have terminating values in the range .999996 to 1.000002, inclusive.

These Tables as computed and typed originally had only two values of p per page. A table for one p value consists of individual and cumulative probability values corresponding to x , the cumulation being from 0 to x , inclusive. With two values of p per page, these probabilities for a given n were obtained line by line for $x = 0, 1, 2$, etc. by computing probability values for $p = .01$ and then for $p + .01 = .02$. When these two tables were completed, the next page covering $p = .03$ and $.04$ was computed. This process was continued until $p = .50$ was reached. Computations then proceeded in the same manner for

$n + 5$, $n + 10$, etc. The first n covered was $n = 50$. In these computations, relation (12) was modified to the more useful form

$$b(x, n, p) = \frac{n - x + 1}{x} \frac{p}{q} b(x - 1, n, p). \quad (13)$$

Although all computations followed the pattern above starting with $x = 0$, typed values are not given for some of the smaller x values, such as 0, 1, 2, where cumulative values and individual values have only zeros in the six places, i.e., .000000, and are also not given for some of the larger x values less than n where the individual terms again have zeros in the six places, at which x value tables terminate even though their cumulative sum is not 1.000000, usually being smaller but occasionally being larger as noted under Error above.

Arrangement of These Tables

Eleven n values are covered, 50, 55, . . . , 95, 100, and for each n value, individual and cumulative binomial probability values are listed for 50 p values, .01, .02, .03, . . . , .49, .50. For each table covering an n and p value are listed three columns:

- Column 1 is headed "x";
- Column 2 is headed "Individual Term"; and
- Column 3 is headed "Cumulative (x or less)."

Each page of these Tables lists the n value, such as 65, and three headings for p since at least three complete tables are given on one page as far as possible, $p = .01$, .02, and .03 going together followed by $p = .04$, .05 and .06, and so on. Where comparatively only a few x values are covered by the three p values covered, a page may present six tables rather than three tables.

5. Directions for Use of These Tables

Summarized Guide

The tabulations below indicate the notation used in describing these probability values and their form for use in obtaining values for not only the p binomial, but also for the f binomial and the Incomplete Beta-Function Ratio.

p Binomial, $(q + p)^n$

n = number of units—sample size, lot size, or parameter corresponding to binomial n .

DIRECTIONS FOR USE

xix

x = term or cumulated terms covered.

p = fraction defective or ratio involved.

$q = 1 - p$ = fraction non-defective or the "reciprocal ratio" involved.

b = notation designating individual term of binomial.

B = notation designating cumulative values of binomial summing from 0 to x , inclusive.

B' = notation designating cumulative values of binomial summing from $x + 1$ to n , inclusive.

f Binomial, $[(1 - f) + f]^M$

$f = \frac{n}{N}$ = ratio of sample size to lot size, often considered as fraction inspected.

N = lot size, where n = sample size.

$M = pN$ = number of defectives in lot of size N .

f Binomial—Approximation to Hypergeometric

The f binomial is used to provide probability values that closely approximate the hypergeometric probabilities in certain areas for m , n , M , N and p , where $f = \frac{n}{N}$. In other areas, the p binomial covered directly by these Tables in certain regions provides approximate probabilities for the hypergeometric and is often used directly. The table below lists the relations for the f binomial in the general binomial notation for both individual and cumulative values.

Values of x , n , p for entry in the Tables to obtain P

Condition	Individual	Cumulative		
		x or less	more than x	x or more
p Binomial				
p ≤ .50	b(x,n,p)	B(x,n,p)	1 - B(x,n,p)	1 - B(x - 1,n,p)
p ≥ .50	b(n - x,n,q)	1 - B(n - x - 1,n,q)	B(n - x - 1,n,q)	B(n - x,n,q)
f Binomial				
f ≤ .50	b(x,M,f)	B(x,M,f)	1 - B(x,M,f)	1 - B(x - 1,M,f)
f ≥ .50	b(M - x,M,1 - f)	1 - B(M - x - 1,M,1 - f)	B(M - x - 1,M,1 - f)	B(M - x,M,1 - f)

Ratio of Incomplete Beta-Function to Complete Beta-Function: $I_x(p,q)$

Detailed relations are given in Section 2 together with the correspondence between the binomial variables n_B , x_B , p_B , q_B , P_B and the variables p_I , q_I , x_I , P_I for the Incomplete Beta-Function Ratio. In the table below are listed the relations that are to be used to give the probabilities P_I in terms of the binomial notation for cumulative values.

Values of x_B , n_B , p_B for entry in the Tables to obtain P_I

Condition	$q_I \leq p_I^*$	$q_I \geq p_I^*$
$x_I \leq .50$	$1 - B(p_I - 1, p_I + q_I - 1, x_I)$	$1 - B(p_I - 1, p_I + q_I - 1, x_I)$
$x_I \geq .50$	$B(q_I - 1, p_I + q_I - 1, 1 - x_I)$	$B(q_I - 1, p_I + q_I - 1, 1 - x_I)$

*Relations are identical for $q_I \leq p_I$ and $q_I \geq p_I$.

Procedure and Examples **$p \leq .50$, Individual Term**

At the top of each table is given the n and p values covered by that table. The first column for each p value lists the x value and the second column gives the probability value for each individual term (value of x). This value may be read directly.

Example: For $x = 20$, $n = 65$, $p = .28$, determine the probability of the occurrence of exactly 20 events, i.e., $b(x, n, p) = b(20, 65, .28) = ?$

Solution: Enter these Tables at $n = 65$ and $p = .28$. For this particular table in line with $x = 20$ in the first column, read in the adjacent second column

$$b(20, 65, .28) = \underline{.094519}.$$

 $p \leq .50$, Cumulative Value— x or less

The third column gives directly the probability for x or less and is so headed. Following the procedure above for individual terms, enter these Tables for the designated n and p values. From the particular table thus selected, corresponding to the designated x value, read directly in the third column the probability value for $B(x, n, p)$.

Example: For $x = 4$, $n = 75$, $p = .04$, determine the probability of the occurrence of 4 or less events, i.e., $B(x, n, p) = B(4, 75, .04) = ?$

Solution: Enter these Tables at $n = 75$ and $p = .04$. For this particular table in line with $x = 4$ in the first column, read in the next adjacent third column

$$B(4, 75, .04) = .818752.$$

$p \leq .50$, Cumulative Value—more than x

The case where the probability is desired for the occurrence of more than x events is related to the case for x or less by the relation $B'(x,n,p) = 1 - B(x,n,p)$ per equation (10). The procedure to be followed is that for x or less above with the additional step that the probability as read must be subtracted from 1 to give the desired probability value.

Example: For $x = 4$, $n = 75$, $p = .04$, determine the probability of the occurrence of more than 4 events, i.e., $B'(x,n,p) = B'(4,75,.04) = ?$

Solution: Enter these Tables at $n = 75$ and $p = .04$. For this particular table in line with $x = 4$ in the first column, read in the next adjacent third column $B(4,75,.04) = .818752$. Then

$$B'(4,75,.04) = 1 - B(4,75,.04) = 1 - .818752 = .181248.$$

$p \leq .50$, Cumulative Value— x or more

$$B(x,n,p) = \sum_{k=x}^n \binom{n}{k} p^k (1-p)^{n-k}$$

This case is similar to the one above except that the individual probability value corresponding to x itself has been added. The probability desired is for the occurrence of x or more events in sample n . Equation (11) give $1 - B(x-1,n,p)$ to represent this cumulative probability. The procedure to be followed is that for x or less above except that $x-1$ is substituted for x .

Example: For $x = 18$, $n = 90$, $p = .16$, determine the probability of the occurrence of 18 or more events, i.e., $1 - B(x-1,n,p) = 1 - B(17,90,.16) = ?$

Solution: Enter these Tables at $n = 90$ and $p = .16$. For this particular table in line with $x-1 = 17$ under the x column, read in the next adjacent third column $B(17,90,.16) = .815643$. Then

$$1 - B(17,90,.16) = 1 - .815643 = .184357.$$

$p > .50$, Individual Term

The summary table in this section provides the transformation $b(x,n,p) = b(n-x,n,q)$ that applies. The procedure for $p \leq .50$ for an individual term applies with $n-x$ replacing x and q replacing p .

Example: For $x = 45$, $n = 70$, $p = .70$, determine the probability of the occurrence of exactly 45 events, i.e., $b(x,n,p) = b(45,70,.70) = ?$

Solution: Since $b(45,70,.70)$ is not given directly in these Tables, its form is changed to $b(n-x,n,q) = b(25,70,.30)$ which does occur. For $n = 70$, $p = .30$, in line with

$x = 25$ in first column, read in the adjacent second column $b(25,70,.30) = .058531$. Then

$$b(45,70,.70) = b(25,70,.30) = \underline{.058531}.$$

$p > .50$, Cumulative Value— x or less

The transformation for determining the probability for x or less events when $p > .50$ as given in the summary table is $B(x,n,p) = 1 - B(n - x - 1, n, q) = B'(n - x - 1, n, q)$. Since $q = 1 - p$, this transformation makes it possible to read a value in these Tables, which, when subtracted from 1, gives the desired probability value.

Example: For $x = 50$, $n = 80$, $p = .65$, determine the probability of the occurrence of 50 or less events, i.e., $B(x,n,p) = B(50,80,.65) = ?$

Solution: Using the above transformation $B(50,80,.65) = 1 - B(29,80,.35)$. Enter these Tables at $n = 80$, $p = .35$ and read in the third column, corresponding to $x = 29$, $B(29,80,.35) = .641170$. Then

$$B(50,80,.65) = 1 - B(29,80,.35) = 1 - .641170 = \underline{.358830}.$$

$p > .50$, Cumulative Value—more than x

The transformation in the summary table for this case where $p > .50$ is $B'(x,n,p) = 1 - B(x,n,p) = B(n - x - 1, n, q)$. Substitute $n - x - 1$ for x and $q = 1 - p$ for p and read directly from these Tables for the cumulative (x or less) column the corresponding probability value.

Example: For $x = 37$, $n = 60$, $p = .85$, determine the probability of the occurrence of more than 37 events, i.e., $1 - B(37,60,.85) = ?$

Solution: Using the transformation above, $1 - B(37,60,.85) = B(22,60,.15)$. Enter these Tables for $n = 60$, $p = .15$ and read in the third column corresponding to $x = 22$, $B(22,60,.15) = .999992$. Then

$$B'(37,60,.85) = 1 - B(37,60,.85) = B(22,60,.15) = \underline{.999992}.$$

$p > .50$, Cumulative Value— x or more

For this case, the individual value for x is added to the cumulative value in the preceding case. The transformation in the summary table for this case where $p > .50$ is $B'(x - 1, n, p) = 1 - B(x - 1, n, p) = B(n - x, n, q)$. Substitute $n - x$ for x and $q = 1 - p$ for p and read directly from these Tables for the cumulative (x or less) column the corresponding probability value.

Example: For $x = 60$, $n = 75$, $p = .75$, determine the probability of the occurrence of 60 or more events, i.e., $1 - B(59, 75, .75) = ?$

Solution: Using the transformation above, $1 - B(59, 75, .75) = B(15, 75, .25)$. Enter the Tables for $n = 75$, $p = .25$ and read in the third column corresponding to $x = 15$, $B(15, 75, .25) = .194592$. Then

$$1 - B(59, 75, .75) = B(15, 75, .25) = \underline{.194592}.$$

6. Interpolation

These Tables provide probability values for n values in steps of 5 for $n = 50$ to 100 and p values in steps of .01 for $p = .01$ to .50, while Reference [1] provides similar probabilities for n values in steps of 1 for $n = 2$ to 49, and p values from .01 to .50 in steps of .01 also. In these Tables, interpolation is necessary for both n and p and for p only in Reference [1] for the binomial. Reference [1] provides a system of interpolation for p that may also be used in these Tables. A companion volume to these Tables is to be published, covering in detail the various methods of interpolation with examples.

Some relations for exact interpolation for the Incomplete Beta-Function are given by T. A. Bancroft in Reference [11]. By proper transformations, these may be applied to the binomial. I am indebted to John Riordan of Bell Telephone Laboratories for many of the exact relations given below. Relations (18), (19) and (23) were provided by Professor H. O. Hartley, University of London.

Exact Interpolation

Interpolation For n

Individual Terms

$$b(x, n - 2, p) = \frac{(x + 2)(x + 1)}{p^2 n(n - 1)} b(x + 2, n, p). \quad (14)$$

$$b(x, n - 1, p) = \frac{x + 1}{pn} b(x + 1, n, p). \quad (15)$$

$$b(x, n + 1, p) = qb(x, n, p) + pb(x - 1, n, p). \quad (16)$$

$$b(x, n + 2, p) = q^2 b(x, n, p) + 2qp b(x - 1, n, p) + p^2 b(x - 2, n, p). \quad (17)$$

$$b(x, n + h, p) = \sum_{i=0}^h b(i, h, p) b(x - i, n, p). \quad (18)$$

Cumulative Terms

$$B(x, n-2, p) = B(x, n, p) + \frac{(x+1)}{n(n-1)q} [(1+q)(n-1-x) [b(x+1, n, p)]] \quad (19)$$

$$B(x, n-1, p) = B(x, n, p) + \frac{x+1}{n} b(x+1, n, p). \quad (20)$$

$$B(x, n+1, p) = qB(x, n, p) + pB(x-1, n, p). \quad (21)$$

$$B(x, n+2, p) = q^2B(x, n, p) + 2qpB(x-1, n, p) + p^2B(x-2, n, p). \quad (22)$$

$$B(x, n+h, p) = \sum_{i=0}^h b(i, h, p) B(x-i, n, p). \quad (23)$$

Interpolation For p**Individual Terms**

$$b(x, n, p+r) = \left(\frac{p+r}{p}\right)^x \left(\frac{1-p-r}{1-p}\right)^{n-x} b(x, n, p). \quad (24)$$

For low accuracy interpolation, use

$$b(x, n, p+r) \approx \frac{1}{2} b(x, n, p) \left[1 + \left(1 + \frac{(x-pn)r}{pq} \right)^2 \right]. \quad (25)$$

For direct evaluation, use

$$\log b(x, n, p) = \log C_x^n + (n-x)\log q + x\log p. \quad (26)$$

Cumulative Terms

$$B(x, n, p+r) = B(x, n, p) - \frac{n-x}{q} b(x, n, p) \sum_{i=1}^{\infty} \frac{r^i}{i!} g_{i-1}(x, n-1, p), \quad (27)$$

$$\text{where } g_0 = g_0(x, n-1, p) = 1, \quad (27a)$$

$$g_1 = g_1(x, n-1, p) = \frac{x}{p} - \frac{n-1-x}{q}, \quad (27b)$$

$$g_2 = g_2(x, n-1, p) = \frac{x(x-1)}{p^2} - \frac{2x(n-1-x)}{pq} + \frac{(n-1-x)(n-2-x)}{q^2}, \quad (27c)$$

$$g_i = g_i(x, n-1, p) = \left[\frac{(x)}{p} - \frac{(n-1-x)}{q} \right]^i = \frac{(x)_i}{p^i} - \frac{i(x)_{i-1}(n-1-x)_1}{p^{i-1}q} + \frac{i(i-1)}{2!} \frac{(x)_{i-2}(n-1-x)_2}{p^{i-2}q^2} - \dots + (-1)^i \frac{(n-1-x)_i}{q^i}, \quad (27d)$$

$$g_{i+1} = g_{i+1}(x, n-1, p) = \left[g_i - \frac{i(q-p)}{pq} \right] g_i - \frac{i(n-i)}{pq} g_{i-1}, \quad (27e)$$

$$(x)_j = x(x-1) \cdots (x-j+1) \quad (27f)$$

is a Jordan factorial symbol.

Approximate Interpolation

Interpolates for individual terms or cumulative values may be obtained by the use of linear interpolation but will only be rough approximations to the exact value obtained by computations using the binomial relation. A better approximation is obtained, especially for cumulative values, by the use of linear interpolation of the logarithms of the surrounding values read from these Tables. In most cases, if a fair degree of accuracy is desired for at least 4 places after the decimal, the interpolates for individual terms or cumulative values for n , p or both n and p should be determined by the use of the 5-point Lagrangian Interpolation Coefficients or similar coefficients requiring more than 5 entries in these Tables. Such coefficients are given for from 3 points to 11 points in Reference [12]. Computations carried out by use of these coefficients require little time if performed on an automatic computing machine. More accuracy is obtained in most regions of the table if the logarithms of the entries in these Tables are used rather than the entries themselves. It is suggested that, where interpolates are to be obtained in a rather small area of these Tables, a tabulation of the 7-place logarithms of the entries in the entire useful area should be made for interpolation purposes.

When both n and p are not covered directly by these Tables, bi-variate or two-way uni-variate interpolation may be applied. Reference [13] provides Salzer's Interpolat-

tion Coefficients for bi-variate interpolation. Ordinarily in two-way uni-variate interpolation a 5×5 system would be used, interpolating first for n or p and second, for p or n . Salzer's method gives almost as exact values using only 15 points rather than 25 for the 5×5 system. In some areas his 10-point system gives sufficient accuracy for most problems.

Inverse Interpolation

In many cases, the probability P is given and one of the other variables, x , n or p is the unknown. These Tables provide sufficient entries so that the unknown variable may be determined. A useful guide to assist in the determination of such an unknown variable is a nomograph for the binomial. For the inverse interpolation problem, often two possible answers may be obtained. If sufficient information is provided with the problem, the unknown variable can be determined by the use of entries in these Tables in the neighborhood of the given probability value for the p binomial, the f binomial and the Incomplete Beta-Function Ratio. Extreme care must be used in these determinations since it must be recognized that in many cases the only reasonable solution must be integral, particularly for x and n for the p binomial.

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50-100 BINOMIAL TABLES

n=
50

p=.01

x	Individual Term	Cumulative (x or less)
0	.605006	.605006
1	.305559	.910565
2	.075618	.986183
3	.012221	.998404
4	.001450	.999854
5	.000135	.999989
6	.000010	.999999
7	.000001	1.000000
8	.000000	1.000000

p=.02

x	Individual Term	Cumulative (x or less)
0	.364170	.364170
1	.371602	.735771
2	.185801	.921572
3	.060670	.982242
4	.014548	.996790
5	.002732	.999521
6	.000418	.999939
7	.000054	.999993
8	.000006	.999999
9	.000001	1.000000
10	.000000	1.000000

p=.03

x	Individual Term	Cumulative (x or less)
0	.218065	.218065
1	.337215	.555280
2	.255518	.810798
3	.126442	.937240
4	.045949	.983189
5	.013074	.996264
6	.003033	.999296
7	.000590	.999886
8	.000098	.999984
9	.000014	.999998
10	.000002	1.000000
11	.000000	1.000001

p=.04

x	Individual Term	Cumulative (x or less)
0	.129886	.129886
1	.270595	.400481
2	.276233	.676714
3	.184155	.860869
4	.090159	.951028
5	.034561	.985589
6	.010800	.996390
7	.002829	.999218
8	.000634	.999852
9	.000123	.999975
10	.000021	.999996
11	.000003	.999999
12	.000000	1.000000

p=.05

x	Individual Term	Cumulative (x or less)
0	.076945	.076945
1	.202487	.279432
2	.261101	.540533
3	.219875	.760408
4	.135975	.896383
5	.065841	.962224
6	.025990	.988214
7	.008598	.996812
8	.002432	.999244
9	.000597	.999842
10	.000129	.999971
11	.000025	.999995
12	.000004	1.000000
13	.000001	1.000001
14	.000000	1.000001

p=.06

x	Individual Term	Cumulative (x or less)
0	.045331	.045331
1	.144673	.190003
2	.226243	.416246
3	.231057	.647303
4	.173293	.820596
5	.101763	.922359
6	.048716	.971076
7	.019546	.990621
8	.006706	.997327
9	.001997	.999325
10	.000523	.999847
11	.000121	.999969
12	.000025	.999994
13	.000005	.999999
14	.000001	.999999
15	.000000	1.000000

n-
50

50-100 BINOMIAL TABLES

p=.07			p=.08			p=.09		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
0	.026555	.026555	0	.015466	.015466	0	.008955	.008955
1	.099938	.126494	1	.067246	.082712	1	.044283	.055238
2	.184295	.310789	2	.143262	.225974	2	.107302	.160541
3	.221947	.532735	3	.199321	.425296	3	.169797	.330337
4	.196292	.729027	4	.203654	.628950	4	.197319	.527656
5	.135927	.864954	5	.162924	.791874	5	.179538	.707194
6	.076733	.941686	6	.106255	.898128	6	.133174	.840368
7	.036304	.977990	7	.058077	.956205	7	.082789	.923157
8	.014687	.992678	8	.027145	.983350	8	.044010	.967167
9	.005159	.997837	9	.011015	.994365	9	.020312	.987480
10	.001592	.999429	10	.003927	.998292	10	.008237	.995716
11	.000436	.999864	11	.001242	.999534	11	.002962	.998679
12	.000107	.999971	12	.000351	.999885	12	.000952	.999631
13	.000023	.999995	13	.000089	.999974	13	.000275	.999906
14	.000005	.999999	14	.000020	.999995	14	.000072	.999978
15	.000001	1.000001	15	.000004	.999999	15	.000017	.999995
16	.000000	1.000001	16	.000001	1.000000	16	.000004	.999999
			17	.000000	1.000000	17	.000001	.999999
						18	.000000	1.000000

p=.10			p=.11			p=.12		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
0	.005154	.005154	0	.002948	.002948	0	.001675	.001675
1	.028632	.033786	1	.018217	.021165	1	.011424	.013099
2	.077943	.111729	2	.055162	.076327	2	.038165	.051264
3	.138565	.250294	3	.109085	.185412	3	.083269	.134534
4	.180905	.431199	4	.158418	.343830	4	.133420	.267954
5	.184925	.616123	5	.180134	.523964	5	.167382	.435336
6	.154104	.770227	6	.166978	.690942	6	.171186	.606521
7	.107628	.877855	7	.129723	.820665	7	.146731	.753252
8	.064278	.942133	8	.086178	.906843	8	.107547	.860799
9	.033329	.975462	9	.049706	.956549	9	.068439	.929238
10	.015183	.990646	10	.025188	.981737	10	.038264	.967501
11	.006135	.996780	11	.011320	.993058	11	.018974	.986475
12	.002215	.998996	12	.004547	.997605	12	.008409	.994884
13	.000719	.999715	13	.001643	.999248	13	.003352	.998232
14	.000211	.999926	14	.000537	.999784	14	.001208	.999444
15	.000056	.999983	15	.000159	.999944	15	.000395	.999839
16	.000014	.999996	16	.000043	.999987	16	.000118	.999957
17	.000003	.999999	17	.000011	.999997	17	.000032	.999989
18	.000001	1.000001	18	.000002	1.000000	18	.000008	.999997
19	.000000	1.000001	19	.000001	1.000001	19	.000002	.999999
			20	.000000	1.000001	20	.000000	.999999

50-100 BINOMIAL TABLES

n-
50

p=.13			p=.14			p=.15		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
0	.000946	.000946	0	.000531	.000531	0	.000296	.000296
1	.007069	.008015	1	.004320	.004851	1	.002610	.002905
2	.025879	.033894	2	.017231	.022082	2	.011283	.014189
3	.061872	.095766	3	.044881	.066964	3	.031858	.046047
4	.108631	.204397	4	.085849	.152813	4	.066059	.112105
5	.149336	.353733	5	.128574	.281387	5	.107248	.219353
6	.167359	.521092	6	.156979	.438366	6	.141946	.361299
7	.157191	.678283	7	.160630	.598996	7	.157453	.518751
8	.126250	.804533	8	.140551	.739547	8	.149348	.668100
9	.088036	.892570	9	.106775	.846323	9	.122993	.791092
10	.053935	.946505	10	.071266	.917589	10	.088989	.880081
11	.029306	.975811	11	.042187	.959777	11	.057105	.937186
12	.014232	.990043	12	.022320	.982097	12	.032751	.969938
13	.006216	.996259	13	.010621	.992718	13	.016894	.986832
14	.002455	.998714	14	.004569	.997287	14	.007879	.994712
15	.000880	.999595	15	.001785	.999072	15	.003337	.998049
16	.000288	.999883	16	.000636	.999708	16	.001288	.999337
17	.000086	.999969	17	.000207	.999915	17	.000455	.999792
18	.000024	.999992	18	.000062	.999977	18	.000147	.999939
19	.000006	.999998	19	.000017	.999994	19	.000044	.999982
20	.000001	.999999	20	.000004	.999998	20	.000012	.999994
21	.000000	1.000000	21	.000001	.999999	21	.000003	.999997
22			22	.000000	.999999	22	.000001	.999998
						23	.000000	.999998

n-
50

50-100 BINOMIAL TABLES

p=.16			p=.17			p=.18		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
0	.000164	.000164	0	.000090	.000090	0	.000049	.000049
1	.001559	.001722	1	.000921	.001011	1	.000538	.000587
2	.007274	.008997	2	.004621	.005632	2	.002896	.003483
3	.022169	.031165	3	.015145	.020778	3	.010170	.013653
4	.049616	.080781	4	.036449	.057226	4	.026231	.039885
5	.086946	.167727	5	.068682	.125908	5	.052975	.092859
6	.124209	.291936	6	.105505	.231413	6	.087214	.180073
7	.148712	.440648	7	.135831	.367243	7	.120337	.300411
8	.152253	.592901	8	.149537	.516780	8	.141983	.442394
9	.135336	.728237	9	.142931	.659710	9	.145446	.587840
10	.105691	.833928	10	.120027	.779738	10	.130902	.718742
11	.073206	.907134	11	.089396	.869134	11	.104489	.823231
12	.045318	.952452	12	.059508	.928641	12	.074544	.897775
13	.025232	.977684	13	.035627	.964268	13	.047831	.945606
14	.012702	.990386	14	.019285	.983554	14	.027749	.973355
15	.005807	.996192	15	.009480	.993034	15	.014619	.987974
16	.002419	.998612	16	.004247	.997281	16	.007020	.994994
17	.000922	.999533	17	.001740	.999021	17	.003082	.998075
18	.000322	.999855	18	.000653	.999674	18	.001240	.999316
19	.000103	.999958	19	.000225	.999900	19	.000459	.999774
20	.000030	.999989	20	.000072	.999971	20	.000156	.999930
21	.000008	.999997	21	.000021	.999992	21	.000049	.999979
22	.000002	.999999	22	.000006	.999996	22	.000014	.999993
23	.000000	1.000000	23	.000001	.999999	23	.000004	.999997
			24	.000000	1.000000	24	.000001	.999998
						25	.000000	.999998

50-100 BINOMIAL TABLES

n=
50

p=.19			p=.20			p=.21		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
0	.000027	.000027	0	.000014	.000014	0	.000008	.000008
1	.000312	.000338	1	.000178	.000193	1	.000101	.000109
2	.001790	.002128	2	.001093	.001285	2	.000659	.000767
3	.006719	.008848	3	.004371	.005656	3	.002801	.003569
4	.018519	.027367	4	.012840	.018496	4	.008750	.012319
5	.039965	.067331	5	.029531	.048027	5	.021399	.033718
6	.070308	.137639	6	.055371	.103398	6	.042663	.076381
7	.103664	.241304	7	.087012	.190410	7	.071285	.147666
8	.130700	.372004	8	.116922	.307332	8	.101852	.249518
9	.143071	.515074	9	.136409	.443741	9	.126348	.375866
10	.137595	.652670	10	.139819	.583560	10	.137703	.513568
11	.117365	.770035	11	.127108	.710668	11	.133107	.646676
12	.089473	.859508	12	.103276	.813944	12	.114995	.761670
13	.061348	.920856	13	.075471	.889414	13	.089353	.851024
14	.038031	.958887	14	.049864	.939279	14	.062773	.913797
15	.021410	.980297	15	.029919	.969197	15	.040048	.953845
16	.010986	.991283	16	.016362	.985559	16	.023287	.977132
17	.005154	.996437	17	.008181	.993740	17	.012381	.989513
18	.002216	.998654	18	.003750	.997490	18	.006034	.995547
19	.000876	.999529	19	.001579	.999068	19	.002701	.998248
20	.000318	.999848	20	.000612	.999680	20	.001113	.999361
21	.000107	.999954	21	.000218	.999899	21	.000423	.999783
22	.000033	.999987	22	.000072	.999971	22	.000148	.999932
23	.000009	.999997	23	.000022	.999993	23	.000048	.999979
24	.000002	.999999	24	.000006	.999999	24	.000014	.999994
25	.000001	1.000000	25	.000002	1.000001	25	.000004	.999998
26	.000000	1.000000	26	.000000	1.000001	26	.000001	.999999
						27	.000000	.999999

n-
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50-100 BINOMIAL TABLES

p=.22			p=.23			p=.24		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
0	.000004	.000004	0	.000002	.000002	0	.000001	.000001
1	.000037	.000061	1	.000032	.000034	1	.000017	.000018
2	.000392	.000453	2	.000231	.000264	2	.000134	.000153
3	.001770	.002223	3	.001103	.001367	3	.000678	.000830
4	.005866	.008089	4	.003871	.005238	4	.002515	.003346
5	.015221	.023310	5	.010637	.015874	5	.007307	.010653
6	.032199	.053309	6	.023829	.039703	6	.017306	.027959
7	.057085	.112595	7	.044740	.084443	7	.034353	.062312
8	.086543	.199137	8	.071830	.156273	8	.058309	.120621
9	.113911	.313048	9	.100127	.256401	9	.085929	.206350
10	.131728	.444776	10	.122623	.379024	10	.111256	.317806
11	.135106	.379882	11	.133192	.512216	11	.127758	.445563
12	.123847	.703729	12	.129300	.641516	12	.131120	.576683
13	.102106	.805835	13	.112895	.754411	13	.121033	.697716
14	.076112	.881947	14	.089122	.843533	14	.101013	.798729
15	.051522	.933469	15	.063890	.907424	15	.076537	.875286
16	.031789	.965258	16	.041746	.949170	16	.052885	.928171
17	.017932	.983190	17	.024939	.974110	17	.033401	.961372
18	.009273	.992462	18	.013657	.987767	18	.019337	.980909
19	.004405	.996867	19	.006871	.994638	19	.010285	.991194
20	.001926	.998793	20	.003181	.997819	20	.005034	.996228
21	.000776	.999569	21	.001357	.999176	21	.002271	.998499
22	.000288	.999857	22	.000534	.999711	22	.000945	.999444
23	.000099	.999956	23	.000194	.999905	23	.000363	.999808
24	.000031	.999988	24	.000065	.999970	24	.000129	.999937
25	.000009	.999997	25	.000020	.999991	25	.000042	.999979
26	.000003	1.000000	26	.000006	.999996	26	.000013	.999992
27	.000001	1.000001	27	.000002	.999998	27	.000004	.999996
28	.000000	1.000001	28	.000000	.999998	28	.000001	.999997
						29	.000000	.999997

50-100 BINOMIAL TABLES

n=
50

p=.25

x	Individual Term	Cumulative (x or less)
0	.000001	.000001
1	.000009	.000010
2	.000077	.000087
3	.000411	.000498
4	.001610	.002108
5	.004938	.007046
6	.012345	.019391
7	.025865	.045256
8	.046341	.091597
9	.072087	.163684
10	.098519	.262203
11	.119416	.381619
12	.129368	.510987
13	.126051	.637037
14	.111045	.748082
15	.088836	.836918
16	.064776	.901694
17	.043184	.944878
18	.026390	.971268
19	.014816	.986083
20	.007655	.993738
21	.003645	.997383
22	.001602	.998985
23	.000650	.999635
24	.000244	.999878
25	.000084	.999963
26	.000027	.999990
27	.000008	.999998
28	.000002	1.000001
29	.000001	1.000002
30	.000000	1.000002

p=.26

x	Individual Term	Cumulative (x or less)
0	.000000	.000000
1	.000005	.000005
2	.000044	.000049
3	.000246	.000295
4	.001016	.001311
5	.003284	.004595
6	.008653	.013248
7	.019111	.032359
8	.036091	.068449
9	.059176	.127625
10	.085245	.212870
11	.108913	.321783
12	.124366	.446149
13	.127728	.573877
14	.118604	.692481
15	.100012	.792493
16	.076867	.869360
17	.054015	.923375
18	.034793	.958168
19	.020589	.978757
20	.011213	.989970
21	.005628	.995598
22	.002607	.998205
23	.001115	.999320
24	.000441	.999760
25	.000161	.999921
26	.000054	.999976
27	.000017	.999993
28	.000005	.999998
29	.000001	.999999
30	.000000	.999999

p=.27

x	Individual Term	Cumulative (x or less)
1	.000003	.000003
2	.000025	.000027
3	.000145	.000173
4	.000632	.000805
5	.002150	.002955
6	.005964	.008919
7	.013865	.022784
8	.027564	.050348
9	.047577	.097925
10	.072147	.170072
11	.097035	.267106
12	.116641	.383747
13	.126105	.509852
14	.123267	.633119
15	.109421	.742539
16	.088529	.831069
17	.065488	.896556
18	.044406	.940962
19	.027662	.968624
20	.015858	.984482
21	.008379	.992861
22	.004085	.996946
23	.001839	.998786
24	.000765	.999551
25	.000294	.999845
26	.000105	.999950
27	.000034	.999984
28	.000010	.999995
29	.000003	.999998
30	.000001	.999999
31	.000000	.999999

n=50

50-100 BINOMIAL TABLES

p=.28			p=.29			p=.30		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
1	.000001	.000002	1	.000001	.000001	1	.000000	.000000
2	.000014	.000015	2	.000007	.000008	2	.000004	.000004
3	.000083	.000100	3	.000049	.000057	3	.000028	.000032
4	.000387	.000487	4	.000234	.000291	4	.000140	.000172
5	.001386	.001874	5	.000880	.001172	5	.000551	.000723
6	.004043	.005917	6	.002697	.003869	6	.001771	.002494
7	.009883	.015800	7	.006925	.010793	7	.004770	.007264
8	.020639	.036459	8	.015202	.025996	8	.010989	.018253
9	.037492	.073951	9	.028977	.054973	9	.021978	.040232
10	.059779	.133730	10	.048527	.103500	10	.038619	.078851
11	.084536	.218265	11	.072075	.175575	11	.060185	.139036
12	.106844	.325109	12	.095678	.271253	12	.083830	.222866
13	.121455	.446564	13	.114233	.385486	13	.105017	.327883
14	.124828	.571392	14	.123312	.508797	14	.118948	.446831
15	.116507	.687898	15	.120880	.629677	15	.122347	.569178
16	.099111	.787010	16	.108005	.737682	16	.114700	.683877
17	.077087	.864097	17	.088229	.825911	17	.098314	.782192
18	.054960	.919056	18	.066068	.891979	18	.077247	.859438
19	.035997	.955054	19	.045449	.937429	19	.055757	.915195
20	.021698	.976752	20	.028774	.966203	20	.037039	.952234
21	.012055	.988806	21	.016790	.982992	21	.022677	.974911
22	.006179	.994986	22	.009040	.992032	22	.012811	.987722
23	.002926	.997912	23	.004495	.996527	23	.006684	.994406
24	.001280	.999191	24	.002065	.998593	24	.003223	.997628
25	.000518	.999709	25	.000877	.999470	25	.001436	.999065
26	.000194	.999903	26	.000345	.999815	26	.000592	.999656
27	.000067	.999970	27	.000125	.999940	27	.000225	.999882
28	.000021	.999991	28	.000042	.999982	28	.000079	.999961
29	.000006	.999997	29	.000013	.999995	29	.000026	.999987
30	.000002	.999999	30	.000004	.999998	30	.000008	.999995
31	.000000	.999999	31	.000001	.999999	31	.000002	.999997
			32	.000000	1.000000	32	.000001	.999997
						33	.000000	.999998

50-100 BINOMIAL TABLES

n=
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p=.31

x	Individual Term	Cumulative (x or less)
2	.000002	.000002
3	.000016	.000018
4	.000082	.000100
5	.000340	.000440
6	.001145	.001584
7	.003233	.004817
8	.007806	.012623
9	.016366	.028989
10	.030147	.059137
11	.049252	.108389
12	.071916	.180305
13	.094444	.274749
14	.112140	.386889
15	.120917	.507806
16	.118836	.626641
17	.106780	.733421
18	.087951	.821372
19	.066551	.887923
20	.046344	.934267
21	.029745	.964012
22	.017616	.981628
23	.009635	.991262
24	.004870	.996132
25	.002275	.998407
26	.000983	.999390
27	.000393	.999783
28	.000145	.999928
29	.000049	.999977
30	.000016	.999993
31	.000005	.999997
32	.000001	.999998
33	.000000	.999999

p=.32

x	Individual Term	Cumulative (x or less)
2	.000001	.000001
3	.000009	.000010
4	.000048	.000058
5	.000206	.000264
6	.000729	.000992
7	.002155	.003147
8	.005451	.008598
9	.011970	.020568
10	.023095	.043663
11	.039521	.083185
12	.060444	.143629
13	.083145	.226774
14	.103407	.330182
15	.116790	.446971
16	.120225	.567196
17	.113153	.680348
18	.097622	.777970
19	.077372	.855342
20	.056436	.911778
21	.037940	.949718
22	.023535	.973253
23	.013483	.986736
24	.007138	.993875
25	.003493	.997368
26	.001581	.998949
27	.000661	.999610
28	.000256	.999866
29	.000091	.999957
30	.000030	.999987
31	.000009	.999996
32	.000003	.999999
33	.000001	.999999
34	.000000	.999999

p=.33

x	Individual Term	Cumulative (x or less)
2	.000001	.000001
3	.000005	.000005
4	.000027	.000033
5	.000124	.000156
6	.000457	.000613
7	.001414	.002026
8	.003742	.005769
9	.008602	.014370
10	.017370	.031740
11	.031110	.062850
12	.049800	.112650
13	.071698	.184348
14	.093329	.277677
15	.110324	.388001
16	.118866	.506867
17	.117092	.623958
18	.105732	.729690
19	.087708	.817398
20	.066959	.884358
21	.047114	.931472
22	.030589	.962061
23	.018342	.980403
24	.010163	.990566
25	.005206	.995772
26	.002466	.998238
27	.001079	.999317
28	.000437	.999754
29	.000163	.999917
30	.000056	.999973
31	.000018	.999991
32	.000005	.999996
33	.000001	.999998
34	.000000	.999998

n-
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50-100 BINOMIAL TABLES

p=.34			p=.35			p=.36		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
2	.000000	.000000	3	.000001	.000002	3	.000001	.000001
3	.000003	.000003	4	.000009	.000010	4	.000005	.000005
4	.000015	.000018						
5	.000073	.000091	5	.000042	.000053	5	.000024	.000030
6	.000282	.000373	6	.000171	.000224	6	.000103	.000132
7	.000913	.001286	7	.000580	.000804	7	.000363	.000495
8	.002527	.003812	8	.001678	.002482	8	.001096	.001591
9	.006074	.009886	9	.004216	.006698	9	.002877	.004468
10	.012830	.022716	10	.009309	.016006	10	.006636	.011104
11	.024033	.046750	11	.018226	.034233	11	.013573	.024677
12	.040238	.086987	12	.031896	.066129	12	.024813	.049491
13	.060591	.147578	13	.050204	.116333	13	.040799	.090290
14	.082493	.230072	14	.071444	.187777	14	.060652	.150942
15	.101992	.332063	15	.092327	.280104	15	.081880	.232822
16	.114934	.446997	16	.108751	.388855	16	.100751	.333573
17	.118416	.565413	17	.117116	.505972	17	.113345	.446918
18	.111838	.677251	18	.115615	.621586	18	.116887	.563805
19	.097033	.774284	19	.104849	.726436	19	.110735	.674540
20	.077479	.851763	20	.087509	.813944	20	.096547	.771087
21	.057019	.908783	21	.067314	.881259	21	.077582	.848669
22	.038720	.947503	22	.047779	.929038	22	.057526	.906195
23	.024283	.971785	23	.031320	.960358	23	.039393	.945587
24	.014073	.985858	24	.018973	.979331	24	.024928	.970515
25	.007540	.993398	25	.010625	.989955	25	.014583	.985098
26	.003735	.997133	26	.005501	.995456	26	.007887	.992986
27	.001710	.998843	27	.002633	.998089	27	.003944	.996929
28	.000724	.999567	28	.001165	.999254	28	.001822	.998752
29	.000283	.999849	29	.000476	.999730	29	.000778	.999529
30	.000102	.999951	30	.000179	.999909	30	.000306	.999835
31	.000034	.999985	31	.000062	.999971	31	.000111	.999947
32	.000010	.999996	32	.000020	.999991	32	.000037	.999984
33	.000003	.999999	33	.000006	.999997	33	.000011	.999995
34	.000001	.999999	34	.000002	.999999	34	.000003	.999998
35	.000000	1.000000	35	.000000	.999999	35	.000001	.999999
						36	.000000	.999999

50-100 BINOMIAL TABLES

n=
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p=.37

x	Individual Term	Cumulative (x or less)
4	.000003	.000003
5	.000014	.000017
6	.000060	.000077
7	.000223	.000300
8	.000704	.001005
9	.001930	.002935
10	.004648	.007583
11	.009927	.017511
12	.018949	.036460
13	.032530	.068989
14	.050491	.119481
15	.071169	.190649
16	.091432	.282081
17	.107396	.389477
18	.115635	.505112
19	.114380	.619492
20	.104122	.723613
21	.087358	.810972
22	.067630	.878602
23	.048354	.926956
24	.031948	.958904
25	.019514	.978417
26	.011020	.989437
27	.005753	.995190
28	.002775	.997965
29	.001236	.999202
30	.000508	.999710
31	.000193	.999903
32	.000067	.999970
33	.000022	.999991
34	.000006	.999998
35	.000002	.999999
36	.000000	1.000000

p=.38

x	Individual Term	Cumulative (x or less)
4	.000001	.000002
5	.000008	.000009
6	.000035	.000044
7	.000135	.000179
8	.000445	.000625
9	.001273	.001898
10	.003200	.005098
11	.007132	.012231
12	.014207	.026438
13	.025453	.051890
14	.041229	.093119
15	.060646	.153766
16	.081310	.235076
17	.099671	.334747
18	.111995	.446742
19	.115608	.562350
20	.109828	.672178
21	.096162	.768340
22	.077691	.846032
23	.057969	.904000
24	.039970	.943971
25	.025478	.969449
26	.015015	.984464
27	.008180	.992644
28	.004118	.996762
29	.001915	.998677
30	.000822	.999499
31	.000325	.999824
32	.000118	.999942
33	.000040	.999981
34	.000012	.999993
35	.000003	.999997
36	.000001	.999998
37	.000000	.999998

p=.39

x	Individual Term	Cumulative (x or less)
4	.000001	.000001
5	.000004	.000005
6	.000020	.000025
7	.000081	.000106
8	.000277	.000382
9	.000826	.001208
10	.002165	.003374
11	.005034	.008408
12	.010460	.018868
13	.019548	.038415
14	.033030	.071446
15	.050682	.122128
16	.070882	.193010
17	.090636	.283647
18	.106238	.389884
19	.114396	.504280
20	.113364	.617645
21	.103541	.721186
22	.087262	.808447
23	.067918	.876366
24	.048851	.925217
25	.032482	.957699
26	.019968	.977668
27	.011348	.989016
28	.005960	.994976
29	.002891	.997866
30	.001294	.999160
31	.000534	.999694
32	.000203	.999896
33	.000071	.999967
34	.000023	.999989
35	.000007	.999996
36	.000002	.999998
37	.000000	.999998

n-
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50-100 BINOMIAL TABLES

p=.40		
x	Individual Term	Cumulative (x or less)
4	.000000	.000000
5	.000002	.000003
6	.000011	.000014
7	.000047	.000061
8	.000169	.000231
9	.000527	.000757
10	.001440	.002197
11	.003491	.005688
12	.007563	.013251
13	.014738	.027988
14	.025967	.053955
15	.041547	.095502
16	.060589	.156091
17	.080785	.236876
18	.098737	.335613
19	.110863	.446476
20	.114558	.561034
21	.109103	.670137
22	.095878	.766015
23	.077814	.843830
24	.058361	.902191
25	.040463	.942654
26	.025938	.968592
27	.015371	.983963
28	.008417	.992380
29	.004257	.996637
30	.001987	.998624
31	.000854	.999478
32	.000338	.999816
33	.000123	.999939
34	.000041	.999980
35	.000012	.999993
36	.000003	.999996
37	.000001	.999997
38	.000000	.999998

p=.41		
x	Individual Term	Cumulative (x or less)
5	.000001	.000001
6	.000006	.000008
7	.000027	.000035
8	.000102	.000137
9	.000330	.000467
10	.000941	.001408
11	.002378	.003786
12	.005370	.009156
13	.010909	.020065
14	.020034	.040099
15	.033413	.073513
16	.050793	.124305
17	.070593	.194898
18	.089936	.284835
19	.105260	.390095
20	.113378	.503472
21	.112554	.616026
22	.103102	.719128
23	.087223	.806351
24	.068189	.874540
25	.049281	.923821
26	.032929	.956750
27	.020340	.977090
28	.011611	.988701
29	.006121	.994822
30	.002977	.997799
31	.001335	.999134
32	.000551	.999685
33	.000209	.999894
34	.000073	.999966
35	.000023	.999989
36	.000007	.999996
37	.000002	.999998
38	.000000	.999998

p=.42		
x	Individual Term	Cumulative (x or less)
5	.000001	.000001
6	.000003	.000004
7	.000015	.000020
8	.000060	.000080
9	.000204	.000283
10	.000604	.000888
11	.001591	.002479
12	.003745	.006224
13	.007927	.014152
14	.015172	.029323
15	.026367	.055690
16	.041767	.097457
17	.060490	.157947
18	.080305	.238252
19	.097940	.336193
20	.109930	.446123
21	.113720	.559843
22	.108551	.668394
23	.095694	.764088
24	.077958	.842046
25	.058710	.900756
26	.040879	.941636
27	.026313	.967949
28	.015652	.983600
29	.008598	.992199
30	.004358	.996557
31	.002036	.998593
32	.000875	.999469
33	.000346	.999815
34	.000125	.999940
35	.000041	.999981
36	.000013	.999994
37	.000003	.999997
38	.000001	.999998
39	.000000	.999998

50-100 BINOMIAL TABLES

n=50

p=.43

x	Individual Term	Cumulative (x or less)
6	.000002	.000002
7	.000009	.000011
8	.000035	.000046
9	.000123	.000169
10	.000381	.000551
11	.001046	.001597
12	.002565	.004162
13	.005656	.009818
14	.011277	.021095
15	.020417	.041511
16	.033692	.075204
17	.050834	.126038
18	.070306	.196343
19	.089326	.285670
20	.104449	.390119
21	.112564	.502683
22	.111936	.614619
23	.102800	.717419
24	.087245	.804663
25	.068449	.873112
26	.049651	.922763
27	.033294	.956057
28	.020631	.976688
29	.011807	.988496
30	.006235	.994731
31	.003035	.997765
32	.001359	.999125
33	.000559	.999684
34	.000211	.999895
35	.000073	.999968
36	.000023	.999991
37	.000007	.999997
38	.000002	.999999
39	.000000	.999999

p=.44

x	Individual Term	Cumulative (x or less)
6	.000001	.000001
7	.000005	.000006
8	.000020	.000026
9	.000073	.000099
10	.000236	.000336
11	.000676	.001011
12	.001725	.002736
13	.003962	.006698
14	.008227	.014925
15	.015514	.030439
16	.026664	.057103
17	.041901	.099003
18	.060357	.159360
19	.079871	.239231
20	.097271	.336502
21	.109182	.445684
22	.113081	.558765
23	.108165	.666929
24	.095610	.762539
25	.078127	.840666
26	.059024	.899690
27	.041223	.940913
28	.026606	.967519
29	.015859	.983378
30	.008722	.992100
31	.004421	.996522
32	.002063	.998584
33	.000884	.999468
34	.000347	.999816
35	.000125	.999940
36	.000041	.999981
37	.000012	.999993
38	.000003	.999997
39	.000001	.999997
40	.000000	.999998

p=.45

x	Individual Term	Cumulative (x or less)
6	.000000	.000001
7	.000003	.000003
8	.000011	.000014
9	.000043	.000057
10	.000144	.000201
11	.000428	.000630
12	.001139	.001769
13	.002724	.004493
14	.005891	.010388
15	.011567	.021951
16	.020702	.042653
17	.033877	.076530
18	.050815	.127345
19	.070023	.197368
20	.088802	.286169
21	.103794	.389963
22	.111943	.501906
23	.111501	.613407
24	.102631	.716038
25	.087330	.803368
26	.068704	.872071
27	.049966	.922038
28	.033581	.955619
29	.020843	.976462
30	.011938	.988400
31	.006301	.994701
32	.003061	.997763
33	.001366	.999129
34	.000559	.999688
35	.000209	.999897
36	.000071	.999968
37	.000022	.999990
38	.000006	.999996
39	.000002	.999998
40	.000000	.999998

n-
50

50-100 BINOMIAL TABLES

p=.46			p=.47			p=.48		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
6	.000000	.000000	7	.000001	.000001	7	.000000	.000000
7	.000001	.000002	8	.000003	.000004	8	.000002	.000002
8	.000006	.000008	9	.000014	.000018	9	.000008	.000010
9	.000025	.000033						
10	.000086	.000119	10	.000051	.000069	10	.000029	.000039
11	.000267	.000385	11	.000163	.000232	11	.000098	.000137
12	.000738	.001124	12	.000470	.000701	12	.000293	.000430
13	.001839	.002962	13	.001218	.001919	13	.000791	.001221
14	.004139	.007101	14	.002854	.004773	14	.001930	.003152
15	.008462	.015564	15	.006074	.010847	15	.004276	.007428
16	.015769	.031333	16	.011782	.022629	16	.008635	.016063
17	.026866	.058198	17	.020897	.043326	17	.015942	.032005
18	.041957	.100155	18	.033974	.077501	18	.026978	.058983
19	.060195	.160351	19	.050742	.128243	19	.041942	.100924
20	.079480	.239831	20	.069747	.197989	20	.060009	.160933
21	.096722	.336553	21	.088358	.286348	21	.079132	.240066
22	.108609	.445161	22	.103287	.389634	22	.096287	.336353
23	.112631	.557792	23	.111505	.501140	23	.108202	.444555
24	.107938	.665751	24	.111242	.612382	24	.112364	.556918
25	.095625	.761356	25	.102595	.714977	25	.107869	.664787
26	.078325	.839681	26	.087481	.802458	26	.095742	.760529
27	.059308	.898989	27	.068958	.871416	27	.078557	.839087
28	.041500	.940489	28	.050231	.921647	28	.059565	.898652
29	.026819	.967308	29	.033793	.955440	29	.041712	.940364
30	.015992	.983300	30	.020977	.976417	30	.026952	.967316
31	.008789	.992089	31	.012001	.988418	31	.016051	.983367
32	.004445	.996534	32	.006319	.994737	32	.008797	.992164
33	.002065	.998600	33	.003057	.997794	33	.004429	.996593
34	.000880	.999479	34	.001355	.999149	34	.002044	.998637
35	.000343	.999822	35	.000549	.999699	35	.000863	.999500
36	.000122	.999943	36	.000203	.999902	36	.000332	.999832
37	.000039	.999983	37	.000068	.999970	37	.000116	.999948
38	.000011	.999994	38	.000021	.999991	38	.000037	.999984
39	.000003	.999997	39	.000006	.999996	39	.000010	.999995
40	.000001	.999998	40	.000001	.999998	40	.000003	.999997
41	.000000	.999998	41	.000000	.999998	41	.000001	.999998
						42	.000000	.999998

50-100 BINOMIAL TABLES

n=
50

p=.49

x	Individual Term	Cumulative (x or less)
8	.000001	.000001
9	.000004	.000005
10	.000016	.000022
11	.000058	.000079
12	.000180	.000259
13	.000504	.000763
14	.001281	.002044
15	.002953	.004997
16	.006206	.011203
17	.011925	.023128
18	.021006	.044134
19	.033991	.078124
20	.050619	.128744
21	.069478	.198221
22	.087992	.286214
23	.102920	.389134
24	.111245	.500378
25	.111157	.611536
26	.102691	.714227
27	.087701	.801928
28	.069215	.871143
29	.050449	.921591
30	.033929	.955521
31	.021031	.976552
32	.011998	.988550
33	.006288	.994837
34	.003021	.997858
35	.001327	.999185
36	.000531	.999716
37	.000193	.999909
38	.000063	.999972
39	.000019	.999991
40	.000005	.999996
41	.000001	.999997
42	.000000	.999997

p=.50

x	Individual Term	Cumulative (x or less)
8	.000000	.000001
9	.000002	.000003
10	.000009	.000012
11	.000033	.000045
12	.000108	.000153
13	.000315	.000468
14	.000833	.001301
15	.001999	.003300
16	.004373	.007673
17	.008746	.016420
18	.016035	.032454
19	.027006	.059460
20	.041859	.101320
21	.059799	.161119
22	.078826	.239944
23	.095962	.335906
24	.107957	.443863
25	.112275	.556138
26	.107957	.664095
27	.095962	.760057
28	.078826	.838883
29	.059799	.898681
30	.041859	.940541
31	.027006	.967547
32	.016035	.983581
33	.008746	.992328
34	.004373	.996701
35	.001999	.998700
36	.000833	.999533
37	.000315	.999848
38	.000108	.999956
39	.000033	.999989
40	.000009	.999998
41	.000002	1.000001
42	.000000	1.000001

n=
55

50-100 BINOMIAL TABLES

p=.01			p=.02			p=.03		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
0	.575355	.575355	0	.329181	.329181	0	.187260	.187260
1	.319642	.894996	1	.369488	.698669	1	.318535	.505796
2	.087175	.982171	2	.203596	.902265	2	.265994	.771789
3	.015556	.997728	3	.073405	.975670	3	.145337	.917126
4	.002043	.999771	4	.019475	.995145	4	.058434	.975560
5	.000210	.999981	5	.004054	.999199	5	.018434	.993994
6	.000018	.999999	6	.000689	.999888	6	.004751	.998745
7	.000001	1.000001	7	.000098	.999987	7	.001029	.999774
8	.000000	1.000001	8	.000012	.999999	8	.000191	.999965
			9	.000001	1.000001	9	.000031	.999995
			10	.000000	1.000001	10	.000004	1.000000
						11	.000001	1.000001
						12	.000000	1.000001

p=.04			p=.05			p=.06		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
0	.105905	.105905	0	.059539	.059539	0	.033268	.033268
1	.242700	.348605	1	.172349	.231887	1	.116793	.150062
2	.273037	.621642	2	.244916	.476803	2	.201282	.351344
3	.200986	.822628	3	.227729	.704533	3	.226978	.578321
4	.108867	.931495	4	.155815	.860347	4	.188343	.766664
5	.046269	.977763	5	.083648	.943995	5	.122623	.889288
6	.016065	.993829	6	.036688	.980683	6	.069225	.954513
7	.004686	.998515	7	.013517	.994199	7	.029143	.983656
8	.001171	.999686	8	.004268	.998468	8	.011161	.994817
9	.000255	.999941	9	.001173	.999641	9	.003720	.998538
10	.000049	.999990	10	.000284	.999925	10	.001092	.999630
11	.000008	.999998	11	.000061	.999986	11	.000285	.999915
12	.000001	.999999	12	.000012	.999998	12	.000067	.999982
13	.000000	1.000000	13	.000002	1.000001	13	.000014	.999996
			14	.000000	1.000001	14	.000003	.999999
						15	.000000	1.000000

50-100 BINOMIAL TABLES

n=55

p=.07

x	Individual Term	Cumulative (x or less)
0	.018474	.018474
1	.076479	.094953
2	.155424	.250377
3	.206675	.457052
4	.202231	.659283
5	.155261	.814544
6	.097386	.911930
7	.051311	.963241
8	.023173	.986414
9	.009108	.995522
10	.003154	.998676
11	.000971	.999647
12	.000268	.999915
13	.000067	.999982
14	.000015	.999997
15	.000003	1.000000
16	.000001	1.000001
17	.000000	1.000001

p=.08

x	Individual Term	Cumulative (x or less)
0	.010194	.010194
1	.048752	.058946
2	.114462	.173408
3	.175840	.349248
4	.198776	.548024
5	.176306	.724330
6	.127758	.852088
7	.077766	.929853
8	.040573	.970427
9	.018425	.988851
10	.007370	.996221
11	.002622	.998843
12	.000836	.999679
13	.000240	.999919
14	.000063	.999982
15	.000015	.999997
16	.000003	1.000000
17	.000001	1.000001
18	.000000	1.000001

p=.09

x	Individual Term	Cumulative (x or less)
0	.005588	.005588
1	.030398	.035986
2	.081172	.117158
3	.141828	.258986
4	.182350	.441335
5	.183953	.625288
6	.151609	.776898
7	.104960	.881858
8	.062284	.944142
9	.032169	.976311
10	.014635	.990946
11	.005921	.996867
12	.002147	.999015
13	.000702	.999717
14	.000208	.999925
15	.000056	.999982
16	.000014	.999996
17	.000003	.999999
18	.000001	.999999
19	.000000	1.000000

p=.10

x	Individual Term	Cumulative (x or less)
0	.003043	.003043
1	.018598	.021641
2	.055793	.077434
3	.109520	.186954
4	.158195	.345148
5	.179288	.524436
6	.166007	.690443
7	.129117	.819559
8	.086078	.905637
9	.049946	.955583
10	.025528	.981111
11	.011604	.992715
12	.004727	.997443
13	.001737	.999180
14	.000579	.999759
15	.000176	.999935
16	.000049	.999984
17	.000012	.999996
18	.000003	.999999
19	.000001	1.000000
20	.000000	1.000000

p=.11

x	Individual Term	Cumulative (x or less)
0	.001646	.001646
1	.011150	.012836
2	.037341	.050176
3	.081534	.131711
4	.131004	.262715
5	.165154	.427868
6	.170102	.597970
7	.147167	.745137
8	.109135	.854272
9	.070440	.924712
10	.040048	.964760
11	.020249	.985009
12	.009177	.994186
13	.003752	.997937
14	.001391	.999328
15	.000470	.999798
16	.000145	.999943
17	.000041	.999984
18	.000011	.999995
19	.000003	.999998
20	.000001	.999999
21	.000000	.999999

p=.12

x	Individual Term	Cumulative (x or less)
0	.000884	.000884
1	.006631	.007515
2	.024416	.031931
3	.058820	.090751
4	.104272	.195023
5	.145032	.340055
6	.164809	.504864
7	.157318	.662182
8	.128715	.790897
9	.091660	.882557
10	.057496	.940053
11	.032074	.972127
12	.016037	.988164
13	.007234	.995398
14	.002959	.998357
15	.001103	.999460
16	.000376	.999836
17	.000118	.999954
18	.000034	.999988
19	.000009	.999997
20	.000002	.999999
21	.000001	.999999
22	.000000	.999999

n=
55

50-100 BINOMIAL TABLES

p=.13			p=.14			p=.15		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
0	.000472	.000472	0	.000250	.000250	0	.000131	.000131
1	.003876	.004347	1	.002236	.002485	1	.001274	.001405
2	.015636	.019984	2	.009827	.012312	2	.006069	.007474
3	.041277	.061261	3	.028261	.040573	3	.018921	.026395
4	.080183	.141444	4	.059808	.100380	4	.043407	.069801
5	.122209	.263653	5	.099309	.199689	5	.078132	.147933
6	.152176	.415829	6	.134721	.334410	6	.114900	.262832
7	.159173	.575002	7	.153519	.487930	7	.141935	.404767
8	.142707	.717708	8	.149949	.637879	8	.150284	.555051
9	.111359	.829067	9	.127476	.765355	9	.138497	.693547
10	.076543	.905610	10	.095459	.860814	10	.112427	.805974
11	.046790	.952400	11	.063572	.924386	11	.081164	.887138
12	.025636	.978035	12	.037946	.962332	12	.052518	.939656
13	.012671	.990706	13	.020433	.982764	13	.030655	.970311
14	.005680	.996386	14	.009979	.992743	14	.016229	.986540
15	.002320	.998705	15	.004440	.997183	15	.007828	.994368
16	.000867	.999572	16	.001807	.998990	16	.003454	.997822
17	.000297	.999869	17	.000675	.999665	17	.001398	.999220
18	.000094	.999963	18	.000232	.999897	18	.000521	.999741
19	.000027	.999990	19	.000074	.999971	19	.000179	.999920
20	.000007	.999997	20	.000022	.999992	20	.000057	.999977
21	.000002	.999999	21	.000006	.999998	21	.000017	.999993
22	.000000	1.000000	22	.000001	.999999	22	.000005	.999998
			23	.000000	1.000000	23	.000001	.999999
						24	.000000	.999999
						25	.000000	1.000000

50-100 BINOMIAL TABLES

n=
55

p=.16			p=.17			p=.18		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
0	.000068	.000068	0	.000035	.000035	0	.000018	.000018
1	.000717	.000786	1	.000399	.000434	1	.000220	.000238
2	.003688	.004473	2	.002207	.002641	2	.001301	.001539
3	.012410	.016883	3	.007985	.010627	3	.005047	.006586
4	.030729	.047612	4	.021262	.031888	4	.014402	.020988
5	.059702	.107314	5	.044419	.076308	5	.032246	.053234
6	.094765	.202079	6	.075816	.152124	6	.058987	.112221
7	.126353	.328432	7	.108701	.260825	7	.090639	.202860
8	.144404	.472836	8	.133584	.394409	8	.119378	.322238
9	.143640	.616476	9	.142883	.537292	9	.136848	.459085
10	.125856	.742331	10	.134620	.671912	10	.138183	.597268
11	.098069	.840401	11	.112798	.784709	11	.124089	.721356
12	.068493	.908894	12	.084711	.869420	12	.099876	.821232
13	.043153	.952047	13	.057390	.926811	13	.072518	.893750
14	.024659	.976706	14	.035264	.962074	14	.047756	.941506
15	.012838	.989544	15	.019742	.981817	15	.028653	.970159
16	.006113	.995657	16	.010109	.991925	16	.015724	.985884
17	.002671	.998329	17	.004750	.996675	17	.007919	.993802
18	.001074	.999403	18	.002054	.998729	18	.003670	.997472
19	.000398	.999802	19	.000819	.999549	19	.001569	.999041
20	.000137	.999938	20	.000302	.999851	20	.000620	.999660
21	.000043	.999982	21	.000103	.999954	21	.000227	.999887
22	.000013	.999994	22	.000033	.999986	22	.000077	.999964
23	.000003	.999998	23	.000010	.999996	23	.000024	.999988
24	.000001	.999999	24	.000003	.999998	24	.000007	.999995
25	.000000	.999999	25	.000001	.999999	25	.000002	.999997
			26	.000000	.999999	26	.000000	.999998

n=
55

50-100 BINOMIAL TABLES

p=.19			p=.20			p=.21		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
0	.000009	.000009	0	.000005	.000005	0	.000002	.000002
1	.000119	.000129	1	.000064	.000069	1	.000034	.000037
2	.000757	.000885	2	.000434	.000503	2	.000246	.000282
3	.003136	.004021	3	.001917	.002420	3	.001154	.001436
4	.009563	.013584	4	.006231	.008651	4	.003987	.005423
5	.022879	.036463	5	.015888	.024539	5	.010811	.016235
6	.044723	.081186	6	.033100	.057639	6	.023949	.040184
7	.073434	.154620	7	.057926	.115565	7	.044563	.084747
8	.103352	.257972	8	.086888	.202453	8	.071075	.155822
9	.126602	.384574	9	.113438	.315891	9	.098666	.254488
10	.136605	.521179	10	.130453	.446344	10	.120647	.375135
11	.131086	.652264	11	.133418	.579762	11	.131199	.506334
12	.112744	.765009	12	.122300	.702062	12	.127877	.634211
13	.087476	.852485	13	.101133	.803195	13	.112437	.746648
14	.061557	.914042	14	.075849	.879044	14	.089665	.836313
15	.039467	.953509	15	.051830	.930875	15	.065149	.901462
16	.023145	.976654	16	.032394	.963269	16	.043295	.944758
17	.012455	.989109	17	.018579	.981848	17	.026403	.971160
18	.006168	.995276	18	.009806	.991653	18	.014817	.985977
19	.002817	.998093	19	.004774	.996427	19	.007670	.993647
20	.001190	.999283	20	.002148	.998575	20	.003670	.997317
21	.000465	.999748	21	.000895	.999470	21	.001626	.998943
22	.000169	.999916	22	.000346	.999816	22	.000668	.999611
23	.000057	.999973	23	.000124	.999940	23	.000255	.999866
24	.000018	.999991	24	.000041	.999981	24	.000090	.999956
25	.000005	.999996	25	.000013	.999994	25	.000030	.999986
26	.000001	.999997	26	.000004	.999998	26	.000009	.999995
27	.000000	.999998	27	.000001	.999999	27	.000003	.999997
			28	.000000	.999999	28	.000001	.999998
						29	.000000	.999998

50-100 BINOMIAL TABLES

n=
55

p=.22			p=.23			p=.24		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
0	.000001	.000001	0	.000001	.000001	0	.000000	.000000
1	.000018	.000019	1	.000009	.000010	1	.000005	.000005
2	.000137	.000156	2	.000076	.000086	2	.000041	.000046
3	.000684	.000840	3	.000400	.000485	3	.000230	.000276
4	.002308	.003349	4	.001552	.002037	4	.000944	.001221
5	.007216	.010564	5	.004727	.006764	5	.003042	.004263
6	.016960	.027524	6	.011767	.018531	6	.008005	.012268
7	.033484	.061008	7	.024603	.043134	7	.017696	.029964
8	.056666	.117674	8	.044094	.087228	8	.033529	.063493
9	.083465	.201139	9	.068781	.156009	9	.055294	.118787
10	.108290	.309429	10	.094508	.250517	10	.080321	.199108
11	.124950	.434379	11	.115484	.366001	11	.103764	.302872
12	.129222	.563601	12	.126483	.492484	12	.120148	.423020
13	.120556	.684158	13	.124967	.617451	13	.125499	.548518
14	.102009	.786167	14	.111983	.729434	14	.118893	.667412
15	.078643	.864810	15	.091429	.820863	15	.102624	.770035
16	.055453	.920263	16	.068275	.889137	16	.081019	.851054
17	.035882	.956145	17	.046786	.935923	17	.058695	.909749
18	.021365	.977510	18	.029503	.965425	18	.039130	.948878
19	.011735	.989245	19	.017161	.982586	19	.024063	.972942
20	.005958	.995203	20	.009227	.991813	20	.013678	.986620
21	.002801	.998004	21	.004593	.996407	21	.007199	.993819
22	.001221	.999225	22	.002120	.998527	22	.003513	.997332
23	.000494	.999719	23	.000909	.999436	23	.001592	.998924
24	.000186	.999904	24	.000362	.999798	24	.000670	.999594
25	.000065	.999969	25	.000134	.999932	25	.000262	.999857
26	.000021	.999990	26	.000046	.999978	26	.000096	.999952
27	.000006	.999997	27	.000015	.999993	27	.000032	.999985
28	.000002	.999999	28	.000004	.999998	28	.000010	.999995
29	.000000	.999999	29	.000001	.999999	29	.000003	.999998
			30	.000000	.999999	30	.000001	.999999
						31	.000000	.999999

n=
55

50-100 BINOMIAL TABLES

p=.25			p=.26			p=.27		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
1	.000002	.000003	1	.000001	.000001	1	.000001	.000001
2	.000022	.000025	2	.000012	.000013	2	.000006	.000007
3	.000131	.000155	3	.000073	.000086	3	.000040	.000047
4	.000566	.000721	4	.000334	.000420	4	.000194	.000241
5	.001924	.002645	5	.001196	.001616	5	.000732	.000973
6	.005344	.007989	6	.003503	.005119	6	.002256	.003228
7	.012470	.020459	7	.008615	.013735	7	.005840	.009068
8	.024940	.045399	8	.018162	.031897	8	.012959	.022027
9	.043414	.088813	9	.033325	.065222	9	.025031	.047058
10	.066568	.155380	10	.053860	.119082	10	.042587	.089644
11	.090774	.246154	11	.077416	.196498	11	.064437	.154081
12	.110946	.357100	12	.099734	.296231	12	.087387	.241468
13	.122325	.479425	13	.115907	.412138	13	.106908	.348376
14	.122325	.601749	14	.122172	.534309	14	.118624	.467000
15	.111452	.713201	15	.117329	.651638	15	.119924	.586924
16	.092876	.806077	16	.103059	.754697	16	.110889	.697812
17	.071023	.877100	17	.083070	.837767	17	.094090	.791902
18	.049979	.927079	18	.061616	.899384	18	.073468	.865370
19	.032443	.959522	19	.042159	.941542	19	.052916	.918286
20	.019466	.978988	20	.026662	.968205	20	.035229	.953514
21	.010814	.989802	21	.015613	.983818	21	.021716	.975231
22	.005571	.995373	22	.008478	.992296	22	.012413	.987644
23	.002664	.998037	23	.004274	.996570	23	.006587	.994231
24	.001184	.999221	24	.002002	.998572	24	.003249	.997480
25	.000489	.999711	25	.000872	.999444	25	.001490	.998970
26	.000188	.999899	26	.000354	.999798	26	.000636	.999606
27	.000067	.999967	27	.000133	.999931	27	.000253	.999858
28	.000022	.999989	28	.000047	.999978	28	.000093	.999952
29	.000007	.999996	29	.000015	.999993	29	.000032	.999984
30	.000002	.999998	30	.000005	.999998	30	.000010	.999994
31	.000001	.999999	31	.000001	.999999	31	.000003	.999997
32	.000000	.999999	32	.000000	1.000000	32	.000001	.999998
						33	.000000	.999998
						34	.000000	.999999

50-100 BINOMIAL TABLES

n=
55

p=.28			p=.29			p=.30		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
1	.000000	.000000	2	.000002	.000002	2	.000001	.000001
2	.000003	.000004	3	.000012	.000014	3	.000006	.000007
3	.000022	.000025	4	.000063	.000076	4	.000035	.000042
4	.000111	.000136	5	.000261	.000337	5	.000152	.000194
5	.000440	.000577	6	.000888	.001225	6	.000543	.000737
6	.001427	.002004	7	.002538	.003763	7	.001629	.002366
7	.003885	.005889	8	.006220	.009983	8	.004189	.006554
8	.009065	.014955	9	.013268	.023252	9	.009375	.015929
9	.018410	.033365	10	.024929	.048181	10	.018481	.034410
10	.032934	.066299	11	.041655	.089836	11	.032402	.066812
11	.052395	.118695	12	.062385	.152222	12	.050918	.117730
12	.074712	.193407	13	.084284	.236506	13	.072180	.189910
13	.096104	.289511	14	.103278	.339784	14	.092803	.282713
14	.112121	.401632	15	.115303	.455086	15	.108712	.391425
15	.119181	.520813	16	.117739	.572825	16	.116477	.507902
16	.115870	.636683	17	.110325	.683150	17	.114519	.622421
17	.103374	.740057	18	.095132	.778281	18	.103613	.726034
18	.084869	.824926	19	.075668	.853949	19	.086474	.812507
19	.064272	.889198	20	.055632	.909581	20	.066708	.879216
20	.044990	.934189	21	.037872	.947453	21	.047649	.926864
21	.029161	.963349	22	.023906	.971359	22	.031560	.958424
22	.017526	.980875	23	.014010	.985369	23	.019406	.977830
23	.009779	.990654	24	.007630	.992998	24	.011089	.988919
24	.005071	.995724	25	.003864	.996863	25	.005893	.994813
25	.002445	.998169	26	.001821	.998684	26	.002914	.997727
26	.001097	.999267	27	.000799	.999483	27	.001341	.999068
27	.000458	.999725	28	.000326	.999809	28	.000375	.999643
28	.000178	.999903	29	.000124	.999933	29	.000229	.999873
29	.000065	.999968	30	.000044	.999977	30	.000085	.999958
30	.000022	.999989	31	.000014	.999992	31	.000029	.999987
31	.000007	.999996	32	.000004	.999996	32	.000009	.999997
32	.000002	.999998	33	.000001	.999997	33	.000003	1.000000
33	.000001	.999999	34	.000000	.999998	34	.000001	1.000001
34	.000000	.999999				35	.000000	1.000001

n=55

50-100 BINOMIAL TABLES

p=.31			p=.32			p=.33		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
3	.000003	.000004	3	.000002	.000002	3	.000001	.000001
4	.000019	.000023	4	.000010	.000012	4	.000005	.000006
5	.000087	.000110	5	.000049	.000061	5	.000027	.000034
6	.000327	.000437	6	.000193	.000255	6	.000112	.000146
7	.001027	.001464	7	.000637	.000891	7	.000388	.000534
8	.002769	.004233	8	.001797	.002688	8	.001146	.001680
9	.006496	.010729	9	.004417	.007105	9	.002947	.004627
10	.013426	.024154	10	.009561	.016666	10	.006677	.011305
11	.024675	.048830	11	.018406	.035073	11	.013455	.024759
12	.040649	.089479	12	.031760	.066833	12	.024299	.049058
13	.060407	.149885	13	.049436	.116269	13	.039586	.088644
14	.081418	.231303	14	.069792	.186061	14	.058493	.147137
15	.099983	.331286	15	.089772	.275834	15	.078747	.225885
16	.112299	.443585	16	.105614	.381448	16	.096965	.322850
17	.115746	.559331	17	.114020	.495468	17	.109565	.432414
18	.109781	.669113	18	.113275	.608742	18	.113925	.546340
19	.096048	.765161	19	.103806	.712548	19	.109272	.655611
20	.077674	.842835	20	.087930	.800477	20	.096877	.752488
21	.058162	.900996	21	.068964	.869442	21	.079526	.832013
22	.040384	.941380	22	.050156	.919598	22	.060534	.892548
23	.026032	.967411	23	.033865	.953462	23	.042779	.935326
24	.015594	.983005	24	.021249	.974711	24	.028093	.963420
25	.008687	.991693	25	.012399	.987110	25	.017158	.980578
26	.004503	.996196	26	.006733	.993843	26	.009751	.990329
27	.002173	.998569	27	.003403	.997246	27	.005159	.995488
28	.000976	.999346	28	.001601	.998847	28	.002541	.998028
29	.000408	.999754	29	.000702	.999549	29	.001165	.999193
30	.000159	.999913	30	.000286	.999835	30	.000497	.999691
31	.000058	.999971	31	.000109	.999943	31	.000198	.999888
32	.000019	.999990	32	.000038	.999982	32	.000073	.999961
33	.000006	.999996	33	.000013	.999994	33	.000025	.999986
34	.000002	.999998	34	.000004	.999998	34	.000008	.999994
35	.000000	.999999	35	.000001	.999999	35	.000002	.999997
			36	.000000	1.000000	36	.000001	.999997
						37	.000000	.999998

50-100 BINOMIAL TABLES

n=
55

p=.34		
x	Individual Term	Cumulative (x or less)
3	.000000	.000000
4	.000003	.000003
5	.000015	.000018
6	.000064	.000083
7	.000232	.000315
8	.000718	.001032
9	.001931	.002963
10	.004575	.007538
11	.009641	.017179
12	.018211	.035390
13	.031031	.066421
14	.047957	.114377
15	.067527	.181904
16	.086966	.268871
17	.102778	.371649
18	.111776	.483425
19	.112132	.595557
20	.103977	.699534
21	.089273	.788808
22	.071074	.859882
23	.052533	.912415
24	.036083	.948499
25	.023050	.971548
26	.013701	.985249
27	.007581	.992830
28	.003905	.996735
29	.001873	.998608
30	.000836	.999445
31	.000347	.999792
32	.000134	.999926
33	.000048	.999975
34	.000016	.999991
35	.000005	.999996
36	.000001	.999997
37	.000000	.999997

p=.35		
x	Individual Term	Cumulative (x or less)
4	.000001	.000002
5	.000008	.000010
6	.000036	.000046
7	.000137	.000183
8	.000442	.000624
9	.001242	.001866
10	.003075	.004941
11	.006774	.011715
12	.013375	.025090
13	.023821	.048912
14	.038481	.087392
15	.056636	.144028
16	.076240	.220269
17	.094179	.314448
18	.107059	.421506
19	.112260	.533766
20	.108806	.642572
21	.097646	.740218
22	.081258	.821476
23	.062778	.884254
24	.045071	.929325
25	.030094	.959419
26	.018697	.978116
27	.010814	.988929
28	.005823	.994752
29	.002919	.997671
30	.001362	.999033
31	.000592	.999625
32	.000239	.999864
33	.000090	.999954
34	.000031	.999985
35	.000010	.999995
36	.000003	.999998
37	.000001	.999999
38	.000000	.999999

p=.36		
x	Individual Term	Cumulative (x or less)
4	.000001	.000001
5	.000004	.000005
6	.000020	.000025
7	.000079	.000104
8	.000267	.000371
9	.000784	.001155
10	.002029	.003184
11	.004668	.007852
12	.009629	.017481
13	.017915	.035396
14	.030231	.065627
15	.046481	.112108
16	.065363	.177471
17	.084348	.261819
18	.100163	.361982
19	.109718	.471700
20	.111089	.582789
21	.104146	.686935
22	.090536	.777471
23	.073069	.850539
24	.054801	.905341
25	.038224	.943565
26	.024809	.968374
27	.014989	.983362
28	.008431	.991793
29	.004415	.996209
30	.002153	.998361
31	.000976	.999338
32	.000412	.999750
33	.000161	.999911
34	.000059	.999970
35	.000020	.999990
36	.000006	.999996
37	.000002	.999998
38	.000000	.999998

n=55

50-100 BINOMIAL TABLES

p=.37			p=.38			p=.39		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
5	.000002	.000003	5	.000001	.000001	5	.000001	.000001
6	.000011	.000014	6	.000006	.000007	6	.000003	.000004
7	.000045	.000059	7	.000025	.000032	7	.000014	.000018
8	.000159	.000217	8	.000093	.000125	8	.000053	.000071
9	.000486	.000703	9	.000296	.000421	9	.000177	.000248
10	.001314	.002017	10	.000835	.001256	10	.000521	.000768
11	.003156	.005173	11	.002093	.003349	11	.001362	.002130
12	.006796	.011969	12	.004704	.008053	12	.003193	.005323
13	.013202	.025171	13	.009536	.017588	13	.006752	.012075
14	.023261	.048432	14	.017534	.035122	14	.012950	.025025
15	.037341	.085773	15	.029374	.064496	15	.022631	.047655
16	.054826	.140599	16	.045008	.109504	16	.036172	.083828
17	.073869	.214468	17	.063284	.172788	17	.053055	.136882
18	.091587	.306055	18	.081884	.254672	18	.071609	.208492
19	.104747	.410802	19	.097733	.352405	19	.089156	.297648
20	.110733	.521535	20	.107821	.460226	20	.102603	.400251
21	.108389	.629924	21	.110140	.570366	21	.109331	.509582
22	.098379	.728303	22	.104326	.674692	22	.108028	.617605
23	.082899	.811203	23	.091743	.766434	23	.099096	.716705
24	.064916	.876119	24	.074972	.841407	24	.084475	.801180
25	.047275	.923394	25	.056979	.898386	25	.066971	.868151
26	.032036	.955430	26	.040295	.938681	26	.049405	.917556
27	.020209	.975639	27	.026527	.965207	27	.033926	.951482
28	.011869	.987508	28	.016258	.981466	28	.021691	.973175
29	.006490	.993997	29	.009277	.990743	29	.012911	.986084
30	.003303	.997301	30	.004928	.995671	30	.007154	.993238
31	.001565	.998865	31	.002436	.998107	31	.003689	.996927
32	.000689	.999554	32	.001120	.999227	32	.001769	.998696
33	.000282	.999836	33	.000478	.999705	33	.000788	.999484
34	.000107	.999943	34	.000190	.999895	34	.000326	.999810
35	.000038	.999981	35	.000070	.999964	35	.000125	.999931
36	.000012	.999994	36	.000024	.999988	36	.000044	.999974
37	.000004	.999997	37	.000007	.999996	37	.000015	.999994
38	.000001	.999998	38	.000002	.999998	38	.000004	.999998
39	.000000	.999999	39	.000001	.999999	39	.000001	1.000000
			40	.000000	.999999	40	.000000	1.000000
						41	.000000	1.000000

50-100 BINOMIAL TABLES

n=
55

p=.40			p=.41			p=.42		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
5	.000000	.000000	6	.000001	.000001	6	.000000	.000000
6	.000002	.000002	7	.000004	.000005	7	.000002	.000003
7	.000007	.000009	8	.000017	.000021	8	.000009	.000012
8	.000030	.000039	9	.000060	.000081	9	.000034	.000045
9	.000104	.000143						
10	.000319	.000462	10	.000192	.000273	10	.000113	.000158
11	.000869	.001331	11	.000545	.000817	11	.000335	.000493
12	.002125	.003457	12	.001388	.002205	12	.000888	.001381
13	.004687	.008143	13	.003189	.005394	13	.002128	.003509
14	.009373	.017516	14	.006649	.012043	14	.004623	.008132
15	.017080	.034596	15	.012629	.024672	15	.009149	.017281
16	.028467	.063063	16	.021940	.046613	16	.016564	.033845
17	.043537	.106600	17	.034978	.081591	17	.027517	.061361
18	.061274	.167874	18	.051314	.132905	18	.042065	.103427
19	.079549	.247423	19	.069441	.202346	19	.059319	.162746
20	.095459	.342882	20	.086860	.289206	20	.077319	.240066
21	.106065	.448947	21	.100601	.389807	21	.093317	.333382
22	.109279	.558227	22	.108041	.497848	22	.104433	.437815
23	.104528	.662755	23	.107723	.605570	23	.108504	.546319
24	.092914	.755668	24	.099811	.705381	24	.104762	.651081
25	.076809	.832477	25	.086006	.791387	25	.094069	.745150
26	.059084	.891561	26	.068962	.860350	26	.078599	.823749
27	.042307	.933868	27	.051473	.911822	27	.061132	.884881
28	.028205	.962072	28	.035769	.947591	28	.044268	.929149
29	.017506	.979579	29	.023142	.970734	29	.029846	.958995
30	.010115	.989693	30	.013938	.984671	30	.018731	.977726
31	.005438	.995131	31	.007811	.992482	31	.010938	.988664
32	.002719	.997850	32	.004071	.996553	32	.005941	.994605
33	.001263	.999114	33	.001972	.998525	33	.002998	.997603
34	.000545	.999659	34	.000887	.999411	34	.001405	.999008
35	.000218	.999877	35	.000370	.999781	35	.000610	.999618
36	.000081	.999957	36	.000143	.999924	36	.000246	.999864
37	.000028	.999985	37	.000051	.999975	37	.000091	.999955
38	.000009	.999994	38	.000017	.999991	38	.000031	.999987
39	.000003	.999996	39	.000005	.999997	39	.000010	.999996
40	.000001	.999997	40	.000001	.999998	40	.000003	.999999
41	.000000	.999997	41	.000000	.999998	41	.000001	1.000001
						42	.000000	1.000001

n-
55

50-100 BINOMIAL TABLES

p=.43			p=.44			p=.45		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
7	.000001	.000001	7	.000001	.000001	8	.000001	.000002
8	.000005	.000006	8	.000003	.000003	9	.000005	.000007
9	.000019	.000025	9	.000010	.000013			
10	.000065	.000090	10	.000037	.000050	10	.000021	.000028
11	.000202	.000292	11	.000119	.000170	11	.000069	.000097
12	.000558	.000850	12	.000343	.000513	12	.000207	.000304
13	.001392	.002241	13	.000892	.001405	13	.000561	.000865
14	.003150	.005391	14	.002103	.003509	14	.001376	.002241
15	.006495	.011886	15	.004517	.008025	15	.003078	.005319
16	.012249	.024134	16	.008873	.016898	16	.006295	.011614
17	.021198	.045333	17	.015993	.032891	17	.011816	.023430
18	.033760	.079093	18	.026528	.059419	18	.020410	.043841
19	.049596	.128689	19	.040590	.100010	19	.032520	.076360
20	.067346	.196035	20	.057406	.157416	20	.047892	.124253
21	.084675	.280709	21	.075175	.232590	21	.065308	.189561
22	.098720	.379429	22	.091284	.323874	22	.082580	.272140
23	.106852	.486281	23	.102907	.426780	23	.096941	.369081
24	.107477	.593758	24	.107807	.534587	24	.105754	.474835
25	.100538	.694296	25	.105035	.639622	25	.107292	.582128
26	.087513	.781809	26	.095224	.734845	26	.101290	.683417
27	.070909	.852718	27	.080361	.815206	27	.089012	.772429
28	.053493	.906211	28	.063141	.878347	28	.072828	.845258
29	.037571	.943782	29	.046189	.924536	29	.055477	.900735
30	.024564	.968346	30	.031453	.955988	30	.039338	.940073
31	.014944	.983290	31	.019930	.975918	31	.025956	.966030
32	.008455	.991745	32	.011744	.987662	32	.015928	.981957
33	.004446	.996191	33	.006431	.994093	33	.009083	.991040
34	.002170	.998361	34	.003270	.997363	34	.004809	.995849
35	.000982	.999343	35	.001541	.998904	35	.002361	.998209
36	.000412	.999755	36	.000673	.999577	36	.001073	.999282
37	.000159	.999914	37	.000271	.999849	37	.000451	.999733
38	.000057	.999971	38	.000101	.999950	38	.000175	.999908
39	.000019	.999990	39	.000035	.999984	39	.000062	.999970
40	.000006	.999996	40	.000011	.999995	40	.000020	.999990
41	.000002	.999997	41	.000003	.999998	41	.000006	.999997
42	.000000	.999998	42	.000001	.999999	42	.000002	.999998
			43	.000000	.999999	43	.000000	.999999

50-100 BINOMIAL TABLES

n=
55

p=.46

x	Individual Term	Cumulative (x or less)
9	.000001	.000001
10	.000003	.000004
11	.000012	.000016
12	.000040	.000056
13	.000123	.000179
14	.000341	.000520
15	.000860	.001380
16	.001984	.003363
17	.004201	.007564
18	.008186	.015750
19	.014715	.030465
20	.024449	.054914
21	.037614	.092528
22	.053659	.146187
23	.071067	.217255
24	.087467	.304722
25	.100116	.404838
26	.106633	.511471
27	.105721	.617192
28	.097589	.714781
29	.083869	.798651
30	.067096	.865746
31	.049947	.915693
32	.034579	.950272
33	.022246	.972519
34	.013287	.985806
35	.007359	.993165
36	.003774	.996939
37	.001789	.998728
38	.000782	.999510
39	.000315	.999825
40	.000116	.999941
41	.000039	.999981
42	.000012	.999993
43	.000003	.999996
44	.000001	.999997
45	.000000	.999997

p=.47

x	Individual Term	Cumulative (x or less)
9	.000001	.000002
10	.000006	.000008
11	.000022	.000030
12	.000071	.000101
13	.000208	.000309
14	.000554	.000863
15	.001343	.002206
16	.002977	.005183
17	.006057	.011240
18	.011339	.022579
19	.019581	.042160
20	.031256	.073416
21	.046196	.119612
22	.063312	.182924
23	.080555	.263479
24	.095247	.358726
25	.104736	.463462
26	.107168	.570630
27	.102076	.672706
28	.090520	.763226
29	.074736	.837962
30	.057439	.895401
31	.041078	.936479
32	.027321	.963799
33	.016886	.980685
34	.009689	.990374
35	.005155	.995530
36	.002540	.998070
37	.001157	.999226
38	.000486	.999712
39	.000188	.999900
40	.000067	.999966
41	.000022	.999988
42	.000006	.999994
43	.000002	.999996
44	.000000	.999996
45	.000000	.999997

p=.48

x	Individual Term	Cumulative (x or less)
8	.000001	.000001
9	.000003	.000004
10	.000011	.000015
11	.000039	.000054
12	.000123	.000177
13	.000345	.000522
14	.000882	.001404
15	.002054	.003458
16	.004375	.007833
17	.008549	.016383
18	.015375	.031758
19	.025505	.057262
20	.039108	.096370
21	.055523	.151893
22	.073096	.224989
23	.089340	.314329
24	.101472	.415801
25	.107184	.522985
26	.105352	.628337
27	.096392	.724729
28	.082112	.806841
29	.065123	.871965
30	.048079	.920043
31	.033029	.953072
32	.021102	.974174
33	.012528	.986702
34	.006906	.993608
35	.003530	.997138
36	.001670	.998808
37	.000731	.999539
38	.000295	.999834
39	.000109	.999943
40	.000037	.999980
41	.000012	.999992
42	.000003	.999995
43	.000001	.999996
44	.000000	.999996

n=
55

50-100 BINOMIAL TABLES

p=.49			p=.50		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
10	.000002	.000002	10	.000001	.000001
11	.000006	.000008	11	.000003	.000004
12	.000022	.000031	12	.000012	.000017
13	.000071	.000102	13	.000040	.000057
14	.000205	.000307	14	.000121	.000178
15	.000539	.000846	15	.000330	.000508
16	.001294	.002139	16	.000826	.001334
17	.002852	.004991	17	.001894	.003228
18	.005784	.010775	18	.003999	.007227
19	.010822	.021597	19	.007788	.015015
20	.018715	.040312	20	.014018	.029032
21	.029969	.070281	21	.023363	.052395
22	.044500	.114781	22	.036106	.088501
23	.061343	.176125	23	.051804	.140305
24	.078584	.254708	24	.069072	.209377
25	.093623	.348331	25	.085650	.295027
26	.103790	.452120	26	.098827	.393854
27	.107106	.559226	27	.106147	.500001
28	.102906	.662132	28	.106147	.606148
29	.092052	.754183	29	.098827	.704974
30	.076649	.830833	30	.085650	.790624
31	.059390	.890223	31	.069072	.859696
32	.042796	.933019	32	.051804	.911500
33	.028658	.961676	33	.036106	.947606
34	.017816	.979492	34	.023363	.970969
35	.010270	.989763	35	.014018	.984987
36	.005482	.995245	36	.007788	.992774
37	.002705	.997949	37	.003999	.996773
38	.001231	.999180	38	.001894	.998668
39	.000516	.999696	39	.000826	.999493
40	.000198	.999894	40	.000330	.999824
41	.000070	.999963	41	.000121	.999944
42	.000022	.999986	42	.000040	.999985
43	.000006	.999992	43	.000012	.999997
44	.000002	.999994	44	.000003	1.000001
45	.000000	.999994	45	.000001	1.000002
			46	.000000	1.000002

50-100 BINOMIAL TABLES

II-
60

p=.01

x	Individual Term	Cumulative (x or less)
0	.547157	.547157
1	.331610	.878767
2	.098813	.977580
3	.019297	.996877
4	.002778	.999654
5	.000314	.999968
6	.000029	.999998
7	.000002	1.000000
8	.000000	1.000001

p=.02

x	Individual Term	Cumulative (x or less)
0	.297553	.297553
1	.364351	.661904
2	.219354	.881258
3	.086548	.967806
4	.025170	.992976
5	.005753	.998729
6	.001076	.999805
7	.000169	.999974
8	.000023	.999997
9	.000003	1.000000
10	.000000	1.000001

p=.03

x	Individual Term	Cumulative (x or less)
0	.160807	.160807
1	.298404	.459211
2	.272255	.731466
3	.162792	.894258
4	.071746	.966004
5	.024852	.990856
6	.007046	.997902
7	.001681	.999583
8	.000344	.999927
9	.000062	.999989
10	.000010	.999998
11	.000001	1.000000
12	.000000	1.000000

p=.04

x	Individual Term	Cumulative (x or less)
0	.086352	.086352
1	.215881	.302233
2	.265354	.567587
3	.213757	.781344
4	.126918	.908262
5	.059228	.967490
6	.022622	.990112
7	.007271	.997384
8	.002007	.999391
9	.000483	.999874
10	.000103	.999977
11	.000019	.999996
12	.000003	.999999
13	.000001	1.000000
14	.000000	1.000001

p=.05

x	Individual Term	Cumulative (x or less)
0	.046070	.046070
1	.145484	.191553
2	.225882	.417436
3	.229845	.647281
4	.172384	.819665
5	.101616	.921281
6	.049025	.970306
7	.019905	.990211
8	.006941	.997151
9	.002111	.999262
10	.000567	.999829
11	.000136	.999964
12	.000029	.999993
13	.000006	.999999
14	.000001	1.000000
15	.000000	1.000001

p=.06

x	Individual Term	Cumulative (x or less)
0	.024416	.024416
1	.093507	.117923
2	.176072	.293996
3	.217281	.511277
4	.197633	.708910
5	.141287	.850196
6	.082668	.932864
7	.040706	.973570
8	.017213	.990783
9	.006348	.997131
10	.002067	.999198
11	.000600	.999798
12	.000156	.999954
13	.000037	.999991
14	.000008	.999999
15	.000002	1.000001
16	.000000	1.000001

n=
60

50-100 BINOMIAL TABLES

p=.07			p=.08			p=.09		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
0	.012852	.012852	0	.006718	.006718	0	.003487	.003487
1	.058042	.070894	1	.035053	.041771	1	.020694	.024181
2	.128878	.199773	2	.089918	.131689	2	.060375	.084556
3	.187543	.387316	3	.151167	.282856	3	.115443	.199999
4	.201155	.588472	4	.187315	.470171	4	.162698	.362697
5	.169576	.758048	5	.182429	.652600	5	.180219	.542917
6	.117002	.875049	6	.145414	.798014	6	.163386	.706302
7	.067936	.942986	7	.097545	.895558	7	.124655	.830958
8	.033877	.976863	8	.056194	.951753	8	.081677	.912634
9	.014733	.991595	9	.028233	.979986	9	.046672	.959307
10	.005655	.997251	10	.012521	.992506	10	.023541	.982848
11	.001935	.999185	11	.004949	.997455	11	.010583	.993431
12	.000595	.999780	12	.001757	.999212	12	.004274	.997705
13	.000165	.999945	13	.000564	.999777	13	.001561	.999265
14	.000042	.999987	14	.000165	.999941	14	.000518	.999784
15	.000010	.999997	15	.000044	.999985	15	.000157	.999941
16	.000002	.999999	16	.000011	.999996	16	.000044	.999985
17	.000000	.999999	17	.000002	.999998	17	.000011	.999996
			18	.000001	.999999	18	.000003	.999998
			19	.000000	.999999	19	.000001	.999999
						20	.000000	.999999
p=.10			p=.11			p=.12		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
0	.001797	.001797	0	.000919	.000919	0	.000467	.000467
1	.011980	.013777	1	.006816	.007736	1	.003818	.004284
2	.039268	.053045	2	.024853	.032589	2	.015358	.019642
3	.084353	.137399	3	.059387	.091975	3	.040489	.060131
4	.133560	.270958	4	.104594	.196569	4	.078677	.138808
5	.166207	.437166	5	.144786	.341355	5	.120162	.258970
6	.169285	.606451	6	.164036	.505391	6	.150202	.409172
7	.145102	.751553	7	.156401	.661792	7	.158005	.567177
8	.106811	.858364	8	.128064	.789856	8	.142743	.709920
9	.068570	.926934	9	.091451	.881307	9	.112464	.822584
10	.038856	.965790	10	.057645	.938952	10	.078214	.900598
11	.019624	.985414	11	.032385	.971337	11	.048480	.949077
12	.008904	.994318	12	.016344	.987681	12	.026994	.976072
13	.003653	.997971	13	.007459	.995140	13	.013592	.989663
14	.001363	.999333	14	.003095	.998235	14	.006222	.995885
15	.000464	.999798	15	.001173	.999408	15	.002602	.998487
16	.000145	.999943	16	.000408	.999816	16	.000998	.999485
17	.000042	.999985	17	.000130	.999946	17	.000352	.999837
18	.000011	.999996	18	.000039	.999985	18	.000115	.999952
19	.000003	.999998	19	.000011	.999995	19	.000035	.999987
20	.000001	.999999	20	.000003	.999998	20	.000010	.999996
21	.000000	.999999	21	.000001	.999998	21	.000003	.999999
			22	.000000	.999998	22	.000001	.999999
						23	.000000	.999999

50-100 BINOMIAL TABLES

n=
60

p=.13

x	Individual Term	Cumulative (x or less)
0	.000235	.000235
1	.002107	.002342
2	.009289	.011632
3	.026835	.038467
4	.057141	.095608
5	.095629	.191236
6	.130986	.322222
7	.150988	.473210
8	.149470	.622680
9	.129044	.751724
10	.098340	.850064
11	.066793	.916858
12	.040754	.957612
13	.022485	.980097
14	.011279	.991376
15	.005169	.996545
16	.002172	.998717
17	.000840	.999557
18	.000300	.999857
19	.000099	.999956
20	.000030	.999987
21	.000009	.999995
22	.000002	.999998
23	.000001	.999998
24	.000000	.999998

p=.14

x	Individual Term	Cumulative (x or less)
0	.000117	.000117
1	.001147	.001265
2	.005510	.006775
3	.017341	.024116
4	.040227	.064343
5	.073345	.137687
6	.109448	.247136
7	.137447	.384582
8	.148234	.532817
9	.139425	.672241
10	.115755	.787996
11	.085654	.873650
12	.056936	.930586
13	.034223	.964809
14	.018703	.983512
15	.009337	.992849
16	.004275	.997124
17	.001801	.998926
18	.000700	.999626
19	.000252	.999878
20	.000084	.999962
21	.000026	.999988
22	.000008	.999996
23	.000002	.999998
24	.000001	.999998
25	.000000	.999999

p=.15

x	Individual Term	Cumulative (x or less)
0	.000058	.000058
1	.000617	.000675
2	.003210	.003884
3	.010950	.014835
4	.027537	.042372
5	.054426	.096799
6	.088043	.184841
7	.119857	.304698
8	.140127	.444825
9	.142874	.587699
10	.128587	.716286
11	.103145	.819430
12	.074325	.893755
13	.048429	.942184
14	.028691	.970875
15	.015527	.986402
16	.007706	.994108
17	.003520	.997628
18	.001484	.999112
19	.000579	.999691
20	.000209	.999900
21	.000070	.999970
22	.000022	.999992
23	.000006	.999999
24	.000002	1.000002
25	.000000	1.000002

n=
60

50-100 BINOMIAL TABLES

p=.16			p=.17			p=.18		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
0	.000029	.000029	0	.000014	.000014	0	.000007	.000007
1	.000327	.000356	1	.000171	.000185	1	.000089	.000096
2	.001838	.002194	2	.001036	.001222	2	.000575	.000671
3	.006770	.008964	3	.004103	.005324	3	.002441	.003111
4	.018374	.027338	4	.011975	.021729	4	.007634	.010745
5	.039199	.066537	5	.027470	.044769	5	.018769	.029514
6	.068442	.134979	6	.051574	.096343	6	.037767	.067281
7	.100569	.235548	7	.081489	.177832	7	.063953	.131234
8	.126908	.362456	8	.110575	.288408	8	.093005	.224239
9	.139666	.502121	9	.130855	.419263	9	.117957	.342196
10	.135675	.637797	10	.136688	.555951	10	.132055	.474251
11	.117468	.755264	11	.127256	.683207	11	.131762	.606013
12	.091364	.846628	12	.106430	.789637	12	.118104	.724116
13	.064256	.910884	13	.080488	.870125	13	.095724	.819840
14	.041089	.951973	14	.055344	.925469	14	.070542	.890382
15	.024001	.975974	15	.034762	.960232	15	.047487	.937869
16	.012858	.988832	16	.020025	.980257	16	.029317	.967186
17	.006339	.995171	17	.010616	.990873	17	.016657	.983843
18	.002884	.998055	18	.005194	.996067	18	.008735	.992577
19	.001214	.999269	19	.002352	.998419	19	.004238	.996816
20	.000474	.999744	20	.000987	.999406	20	.001907	.998723
21	.000172	.999916	21	.000385	.999791	21	.000797	.999521
22	.000058	.999974	22	.000140	.999931	22	.000310	.999831
23	.000018	.999992	23	.000047	.999978	23	.000113	.999943
24	.000005	.999997	24	.000015	.999993	24	.000038	.999981
25	.000001	.999999	25	.000004	.999998	25	.000012	.999993
26	.000000	.999999	26	.000001	.999999	26	.000004	.999997
			27	.000000	.999999	27	.000001	.999998
						28	.000000	.999998

50-100 BINOMIAL TABLES

n=
60

p=.19		
x	Individual Term	Cumulative (x or less)
0	.000003	.000003
1	.000045	.000049
2	.000314	.000363
3	.001426	.001789
4	.004767	.006557
5	.012524	.019081
6	.026930	.046011
7	.048730	.094742
8	.075728	.170469
9	.102632	.273102
10	.122779	.395880
11	.130909	.526789
12	.125387	.652176
13	.108597	.760773
14	.085518	.846291
15	.061517	.907808
16	.040584	.948392
17	.024639	.973031
18	.013807	.986838
19	.007159	.993997
20	.003443	.997439
21	.001538	.998977
22	.000640	.999617
23	.000248	.999865
24	.000090	.999954
25	.000030	.999985
26	.000010	.999994
27	.000003	.999997
28	.000001	.999998
29	.000000	.999998

p=.20		
x	Individual Term	Cumulative (x or less)
0	.000002	.000002
1	.000023	.000025
2	.000170	.000194
3	.000819	.001013
4	.002919	.003933
5	.008174	.012106
6	.018731	.030837
7	.036124	.066962
8	.059831	.126792
9	.086422	.213215
10	.110189	.323403
11	.125214	.448618
12	.127823	.576440
13	.117990	.694430
14	.099027	.793458
15	.075921	.869379
16	.053382	.922761
17	.034541	.957302
18	.020629	.977931
19	.011400	.989331
20	.005843	.995174
21	.002782	.997956
22	.001233	.999189
23	.000509	.999698
24	.000196	.999895
25	.000071	.999965
26	.000024	.999989
27	.000007	.999997
28	.000002	.999999
29	.000001	1.000000
30	.000000	1.000000

p=.21		
x	Individual Term	Cumulative (x or less)
0	.000001	.000001
1	.000011	.000012
2	.000090	.000102
3	.000463	.000565
4	.001754	.002320
5	.005223	.007542
6	.012726	.020269
7	.026097	.046366
8	.045959	.092325
9	.070587	.162911
10	.095694	.258605
11	.115626	.374231
12	.125505	.499736
13	.123183	.622919
14	.109929	.732848
15	.089613	.822461
16	.066997	.889458
17	.046095	.935553
18	.029271	.964824
19	.017200	.982024
20	.009373	.991397
21	.004746	.996143
22	.002236	.998379
23	.000982	.999361
24	.000403	.999764
25	.000154	.999918
26	.000055	.999973
27	.000018	.999991
28	.000006	.999997
29	.000002	.999999
30	.000000	.999999
31	.000000	1.000000

n=
60

50-100 BINOMIAL TABLES

p=.22			p=.23			p=.24		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
0	.000000	.000000	1	.000003	.000003	1	.000001	.000001
1	.000006	.000006	2	.000024	.000027	2	.000012	.000014
2	.000047	.000053	3	.000141	.000168	3	.000076	.000090
3	.000258	.000311	4	.000600	.000769	4	.000342	.000432
4	.001035	.001346						
5	.003271	.004617	5	.002009	.002778	5	.001211	.001643
6	.008456	.013073	6	.005500	.008278	6	.003505	.005149
7	.018399	.031472	7	.012674	.020952	7	.008539	.013688
8	.034380	.065852	8	.025081	.046033	8	.017865	.031553
9	.056027	.121879	9	.043286	.089319	9	.032596	.064149
10	.080592	.202471	10	.065940	.155259	10	.052496	.116645
11	.103324	.305795	11	.089529	.244789	11	.075354	.191998
12	.118599	.424793	12	.109199	.353988	12	.097166	.289165
13	.123928	.548721	13	.120435	.474423	13	.113295	.402460
14	.117345	.666066	14	.120770	.595193	14	.120110	.522570
15	.101499	.767565	15	.110628	.705820	15	.116317	.638887
16	.080516	.848081	16	.092938	.798758	16	.103308	.742195
17	.058778	.906858	17	.071851	.870609	17	.084437	.826633
18	.039604	.946462	18	.051270	.921880	18	.063698	.890331
19	.024692	.971154	19	.033853	.955733	19	.044465	.934797
20	.014277	.985431	20	.020730	.976462	20	.028785	.963582
21	.007670	.993102	21	.011794	.988257	21	.017315	.980897
22	.003835	.996937	22	.006245	.994502	22	.009693	.990590
23	.001787	.998724	23	.003082	.997584	23	.005057	.995647
24	.000777	.999501	24	.001419	.999003	24	.002462	.998109
25	.000316	.999817	25	.000610	.999614	25	.001120	.999228
26	.000120	.999937	26	.000245	.999859	26	.000476	.999704
27	.000043	.999979	27	.000092	.999952	27	.000189	.999894
28	.000014	.999993	28	.000033	.999984	28	.000070	.999964
29	.000004	.999998	29	.000011	.999993	29	.000025	.999988
30	.000001	.999999	30	.000003	.999998	30	.000008	.999996
31	.000000	.999999	31	.000001	.999999	31	.000002	.999999
			32	.000000	.999999	32	.000001	1.000000
						33	.000000	1.000000

50-100 BINOMIAL TABLES

n=
60

p=.25

x	Individual Term	Cumulative (x or less)
1	.000001	.000001
2	.000006	.000007
3	.000040	.000047
4	.000192	.000239
5	.000717	.000956
6	.002190	.003146
7	.005632	.008778
8	.012437	.021215
9	.023953	.045167
10	.040719	.085887
11	.061696	.147583
12	.083975	.231558
13	.103354	.334911
14	.115658	.450569
15	.118228	.568797
16	.110839	.679636
17	.095626	.775261
18	.076146	.851408
19	.056108	.907515
20	.038340	.945856
21	.024343	.970199
22	.014385	.984583
23	.007922	.992505
24	.004071	.996576
25	.001954	.998530
26	.000877	.999407
27	.000368	.999775
28	.000145	.999920
29	.000053	.999973
30	.000018	.999991
31	.000006	.999997
32	.000002	.999999
33	.000001	1.000000
34	.000000	1.000000

p=.26

x	Individual Term	Cumulative (x or less)
1	.000000	.000000
2	.000003	.000003
3	.000021	.000025
4	.000106	.000131
5	.000417	.000547
6	.001342	.001890
7	.003638	.005528
8	.008469	.013997
9	.017193	.031190
10	.030807	.061997
11	.049201	.111199
12	.070588	.181787
13	.091574	.273360
14	.108015	.381375
15	.116383	.497758
16	.115007	.612765
17	.104585	.717351
18	.087782	.805133
19	.068178	.873311
20	.049107	.922418
21	.032864	.955282
22	.020469	.975751
23	.011882	.987634
24	.006436	.994070
25	.003256	.997326
26	.001540	.998867
27	.000681	.999548
28	.000282	.999830
29	.000109	.999940
30	.000040	.999979
31	.000014	.999993
32	.000004	.999997
33	.000001	.999998
34	.000000	.999999

p=.27

x	Individual Term	Cumulative (x or less)
2	.000002	.000002
3	.000011	.000013
4	.000057	.000070
5	.000238	.000308
6	.000807	.001116
7	.002304	.003420
8	.005646	.009065
9	.012064	.021130
10	.022757	.043887
11	.038259	.082146
12	.057782	.139928
13	.078910	.218837
14	.097981	.316818
15	.111134	.427952
16	.115606	.543559
17	.110669	.654228
18	.097783	.752011
19	.079946	.831957
20	.060617	.892574
21	.042705	.935279
22	.028000	.963279
23	.017110	.980389
24	.009756	.990145
25	.005196	.995341
26	.002587	.997929
27	.001205	.999134
28	.000525	.999659
29	.000214	.999873
30	.000082	.999955
31	.000029	.999985
32	.000010	.999994
33	.000003	.999997
34	.000001	.999998
35	.000000	.999999

n=
60

50-100 BINOMIAL TABLES

p=.28			p=.29			p=.30		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
2	.000001	.000001	3	.000003	.000003	3	.000001	.000002
3	.000006	.000006	4	.000016	.000019	4	.000008	.000010
4	.000031	.000037	5	.000074	.000093	5	.000040	.000050
5	.000134	.000171	6	.000277	.000370	6	.000158	.000208
6	.000477	.000648	7	.000872	.001241	7	.000521	.000729
7	.001431	.002078	8	.002358	.003600	8	.001479	.002208
8	.003686	.005764	9	.005566	.009166	9	.003663	.005871
9	.008282	.014047	10	.011594	.020760	10	.008007	.013878
10	.016426	.030473	11	.021525	.042285	11	.015597	.029475
11	.029037	.059510	12	.035901	.078186	12	.027295	.056771
12	.046109	.105619	13	.054143	.132329	13	.043193	.099963
13	.066208	.171826	14	.074242	.206572	14	.062145	.162108
14	.086438	.258264	15	.092995	.299566	15	.081676	.243784
15	.103085	.361349	16	.106829	.406396	16	.098449	.342233
16	.112749	.474098	17	.112936	.519332	17	.109204	.451436
17	.113486	.587585	18	.110197	.629529	18	.111804	.563240
18	.105430	.693015	19	.099496	.729025	19	.105919	.669159
19	.090633	.783648	20	.083310	.812335	20	.093058	.762217
20	.072255	.855902	21	.064815	.877150	21	.075965	.838183
21	.053522	.909424	22	.046931	.924081	22	.057714	.895897
22	.036898	.946322	23	.031671	.955752	23	.040866	.936762
23	.023707	.970029	24	.019943	.975695	24	.027001	.963763
24	.014213	.984242	25	.011730	.987424	25	.016663	.980426
25	.007959	.992202	26	.006449	.993874	26	.009613	.990040
26	.004167	.996368	27	.003317	.997191	27	.005188	.995228
27	.002041	.998409	28	.001597	.998788	28	.002621	.997848
28	.000935	.999344	29	.000720	.999508	29	.001239	.999088
29	.000401	.999745	30	.000304	.999811	30	.000549	.999637
30	.000161	.999907	31	.000120	.999932	31	.000228	.999864
31	.000061	.999967	32	.000044	.999976	32	.000088	.999953
32	.000021	.999989	33	.000015	.999991	33	.000032	.999985
33	.000007	.999996	34	.000005	.999996	34	.000011	.999996
34	.000002	.999998	35	.000002	.999998	35	.000003	.999999
35	.000001	.999999	36	.000000	.999998	36	.000001	1.000001
36	.000000	.999999				37	.000000	1.000001

50-100 BINOMIAL TABLES

n=
60

p=.31

x	Individual Term	Cumulative (x or less)
3	.000001	.000001
4	.000004	.000005
5	.000021	.000026
6	.000088	.000115
7	.000306	.000420
8	.000910	.001330
9	.002362	.003693
10	.005413	.009105
11	.011053	.020159
12	.020278	.040437
13	.033638	.074075
14	.050736	.124811
15	.069903	.194715
16	.088329	.283043
17	.102711	.385755
18	.110237	.495991
19	.109480	.605471
20	.100833	.706304
21	.086289	.792593
22	.068724	.861317
23	.051013	.912330
24	.035333	.947663
25	.022859	.970522
26	.013825	.984346
27	.007822	.992168
28	.004142	.996309
29	.002053	.998363
30	.000953	.999316
31	.000414	.999730
32	.000169	.999899
33	.000064	.999963
34	.000023	.999986
35	.000008	.999994
36	.000002	.999996
37	.000001	.999997
38	.000000	.999997

p=.32

x	Individual Term	Cumulative (x or less)
3	.000000	.000000
4	.000002	.000002
5	.000011	.000014
6	.000049	.000062
7	.000176	.000238
8	.000549	.000788
9	.001493	.002281
10	.003583	.005864
11	.007665	.013529
12	.014728	.028257
13	.025591	.053849
14	.040430	.094279
15	.058346	.152625
16	.077223	.229848
17	.094057	.323905
18	.105738	.429643
19	.109993	.539636
20	.106111	.645747
21	.095114	.740861
22	.079346	.820207
23	.061691	.881898
24	.044756	.926654
25	.030329	.956983
26	.019213	.976196
27	.011385	.987582
28	.006315	.993896
29	.003279	.997175
30	.001594	.998770
31	.000726	.999496
32	.000310	.999806
33	.000124	.999929
34	.000046	.999975
35	.000016	.999992
36	.000005	.999997
37	.000002	.999999
38	.000000	.999999

p=.33

x	Individual Term	Cumulative (x or less)
4	.000001	.000001
5	.000006	.000007
6	.000026	.000033
7	.000100	.000133
8	.000325	.000458
9	.000925	.001383
10	.002324	.003707
11	.005203	.008910
12	.010464	.019373
13	.019029	.038403
14	.031465	.069868
15	.047527	.117395
16	.065837	.183232
17	.083929	.267161
18	.098752	.365913
19	.107518	.473431
20	.108561	.581993
21	.101849	.683841
22	.088927	.772769
23	.072365	.845134
24	.054949	.900083
25	.038973	.939056
26	.025840	.964896
27	.016027	.980923
28	.009303	.990226
29	.005056	.995283
30	.002573	.997856
31	.001227	.999083
32	.000548	.999630
33	.000229	.999859
34	.000089	.999948
35	.000033	.999981
36	.000011	.999992
37	.000004	.999996
38	.000001	.999997
39	.000000	.999997

n=
60

50-100 BINOMIAL TABLES

p=.34			p=.35			p=.36		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
4	.000001	.000001	5	.000001	.000002	5	.000001	.000001
5	.000003	.000004	6	.000007	.000009	6	.000004	.000005
6	.000014	.000017	7	.000030	.000039	7	.000016	.000021
7	.000055	.000073	8	.000108	.000147	8	.000060	.000081
8	.000189	.000262	9	.000335	.000482	9	.000196	.000277
9	.000562	.000824	10	.000920	.001402	10	.000562	.000838
10	.001477	.002301	11	.002251	.003653	11	.001436	.002274
11	.003458	.005759	12	.004950	.008603	12	.003298	.005572
12	.007274	.013033	13	.009841	.018444	13	.006849	.012420
13	.013836	.026869	14	.017789	.036233	14	.012933	.025354
14	.023929	.050798	15	.029375	.065608	15	.022310	.047664
15	.037803	.088601	16	.044487	.110095	16	.035295	.082959
16	.054771	.143372	17	.062000	.172095	17	.051385	.134344
17	.073028	.216400	18	.079752	.251847	18	.069049	.203394
18	.089871	.306272	19	.094927	.346774	19	.085857	.289251
19	.102342	.408613	20	.104785	.451559	20	.099004	.388255
20	.108079	.516692	21	.107472	.559030	21	.106076	.494331
21	.106051	.622744	22	.102587	.661617	22	.105775	.600105
22	.096849	.719592	23	.091264	.752881	23	.098301	.698407
23	.082430	.802022	24	.075761	.828642	24	.085246	.783652
24	.065465	.867487	25	.058744	.887386	25	.069049	.852701
25	.048563	.916050	26	.042581	.929967	26	.052285	.904986
26	.033677	.949727	27	.028872	.958839	27	.037035	.942021
27	.021847	.971574	28	.018323	.977162	28	.024552	.966573
28	.013264	.984838	29	.010887	.988049	29	.015239	.981813
29	.007540	.992378	30	.006058	.994106	30	.008858	.990670
30	.004014	.996392	31	.003157	.997263	31	.004822	.995492
31	.002001	.998392	32	.001540	.998803	32	.002458	.997950
32	.000924	.999327	33	.000704	.999507	33	.001173	.999123
33	.000408	.999735	34	.000301	.999808	34	.000524	.999647
34	.000167	.999902	35	.000120	.999928	35	.000219	.999866
35	.000064	.999966	36	.000045	.999973	36	.000086	.999952
36	.000023	.999989	37	.000016	.999989	37	.000031	.999983
37	.000008	.999996	38	.000005	.999994	38	.000011	.999994
38	.000002	.999999	39	.000002	.999995	39	.000003	.999997
39	.000001	.999999	40	.000000	.999996	40	.000001	.999998
40	.000000	1.000000				41	.000000	.999998

50-100 BINOMIAL TABLES

n=
60

p=.37

x	Individual Term	Cumulative (x or less)
6	.000002	.000002
7	.000008	.000011
8	.000033	.000044
9	.000112	.000156
10	.000336	.000492
11	.000897	.001389
12	.002151	.003540
13	.004665	.008205
14	.009198	.017403
15	.016566	.033969
16	.027363	.061332
17	.041594	.102927
18	.058356	.161283
19	.075761	.237044
20	.091214	.328258
21	.102038	.430296
22	.106235	.536531
23	.103082	.639612
24	.093333	.732945
25	.078933	.811878
26	.062404	.874282
27	.046152	.920434
28	.031945	.952379
29	.020702	.973082
30	.012564	.985646
31	.007141	.992786
32	.003801	.996587
33	.001894	.998481
34	.000883	.999364
35	.000385	.999750
36	.000157	.999907
37	.000060	.999967
38	.000021	.999988
39	.000007	.999995
40	.000002	.999997
41	.000001	.999998
42	.000000	.999998

p=.38

x	Individual Term	Cumulative (x or less)
6	.000001	.000001
7	.000004	.000006
8	.000018	.000023
9	.000063	.000086
10	.000197	.000284
11	.000549	.000833
12	.001374	.002207
13	.003110	.005318
14	.006400	.011718
15	.012029	.023747
16	.020736	.044483
17	.032894	.077378
18	.048163	.125540
19	.065253	.190793
20	.081987	.272780
21	.095714	.368494
22	.103995	.472488
23	.105307	.577796
24	.099504	.677300
25	.087820	.765120
26	.072457	.837577
27	.055923	.893500
28	.040396	.933896
29	.027320	.961216
30	.017303	.978518
31	.010263	.988781
32	.005700	.994481
33	.002964	.997446
34	.001443	.998888
35	.000657	.999545
36	.000280	.999825
37	.000111	.999936
38	.000041	.999977
39	.000014	.999992
40	.000005	.999996
41	.000001	.999998
42	.000000	.999998

p=.39

x	Individual Term	Cumulative (x or less)
6	.000000	.000001
7	.000002	.000003
8	.000009	.000012
9	.000035	.000047
10	.000113	.000160
11	.000329	.000490
12	.000860	.001350
13	.002030	.003380
14	.004358	.007738
15	.008544	.016282
16	.015364	.031646
17	.025424	.057070
18	.038830	.095900
19	.054878	.150779
20	.071927	.222706
21	.087592	.310298
22	.099276	.409573
23	.104866	.514439
24	.103361	.617800
25	.095160	.712961
26	.081900	.794861
27	.065938	.860799
28	.049685	.910484
29	.035052	.945536
30	.023157	.968693
31	.014328	.983021
32	.008302	.991323
33	.004503	.995826
34	.002286	.998112
35	.001086	.999198
36	.000482	.999680
37	.000200	.999880
38	.000077	.999958
39	.000028	.999986
40	.000009	.999995
41	.000003	.999998
42	.000001	.999999
43	.000000	.999999

n=
60

50-100 BINOMIAL TABLES

p=.40			p=.41			p=.42		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
6	.000000	.000000	7	.000001	.000001	7	.000000	.000000
7	.000001	.000001	8	.000002	.000003	8	.000001	.000002
8	.000005	.000006	9	.000010	.000013	9	.000005	.000007
9	.000019	.000025						
10	.000064	.000089	10	.000035	.000048	10	.000019	.000026
11	.000194	.000283	11	.000112	.000160	11	.000063	.000089
12	.000527	.000810	12	.000316	.000476	12	.000186	.000275
13	.001298	.002107	13	.000812	.001288	13	.000497	.000772
14	.002904	.005011	14	.001894	.003182	14	.001209	.001981
15	.005937	.010948	15	.004036	.007218	15	.002684	.004665
16	.011132	.022080	16	.007888	.015106	16	.005467	.010133
17	.019208	.041288	17	.014188	.029294	17	.010247	.020380
18	.030591	.071879	18	.023553	.052848	18	.017726	.038106
19	.045081	.116960	19	.036181	.089028	19	.028375	.066481
20	.061610	.178570	20	.051542	.140570	20	.042122	.108603
21	.078236	.256806	21	.068224	.208794	21	.058099	.166703
22	.092460	.349266	22	.084044	.292838	22	.074582	.241285
23	.101840	.451106	23	.096493	.389331	23	.089230	.330515
24	.104669	.555775	24	.103376	.492707	24	.099615	.430130
25	.100482	.656257	25	.103446	.596152	25	.103874	.534004
26	.090176	.746433	26	.096770	.692922	26	.101257	.635261
27	.075704	.822137	27	.084681	.777603	27	.092334	.727594
28	.059481	.881618	28	.069354	.846957	28	.078802	.806396
29	.043756	.925375	29	.053181	.900138	29	.062967	.869363
30	.030143	.955518	30	.038188	.938326	30	.047116	.916479
31	.019447	.974965	31	.025681	.964007	31	.033018	.949498
32	.011749	.986715	32	.016173	.980181	32	.021668	.971166
33	.006646	.993361	33	.009536	.989717	33	.013313	.984479
34	.003519	.996879	34	.005263	.994980	34	.007656	.992135
35	.001743	.998622	35	.002717	.997696	35	.004118	.996253
36	.000807	.999429	36	.001311	.999007	36	.002071	.998324
37	.000349	.999777	37	.000591	.999598	37	.000973	.999297
38	.000141	.999918	38	.000249	.999847	38	.000426	.999723
39	.000053	.999971	39	.000097	.999944	39	.000174	.999898
40	.000019	.999990	40	.000036	.999980	40	.000066	.999964
41	.000006	.999996	41	.000012	.999992	41	.000023	.999987
42	.000002	.999997	42	.000004	.999995	42	.000008	.999995
43	.000001	.999998	43	.000001	.999996	43	.000002	.999997
44	.000000	.999998	44	.000000	.999997	44	.000001	.999998
						45	.000000	.999998

50-100 BINOMIAL TABLES

n=
60

p=.43

x	Individual Term	Cumulative (x or less)
8	.000001	.000001
9	.000003	.000003
10	.000010	.000014
11	.000035	.000048
12	.000107	.000155
13	.000298	.000453
14	.000755	.001209
15	.001747	.002955
16	.003706	.006662
17	.007237	.013898
18	.013042	.026940
19	.021748	.048688
20	.033633	.082321
21	.048328	.130650
22	.064631	.195281
23	.080554	.275835
24	.093685	.369520
25	.101772	.471292
26	.103351	.574643
27	.098180	.672823
28	.087292	.760115
29	.072664	.832779
30	.056644	.889423
31	.041353	.930776
32	.028271	.959048
33	.018096	.977144
34	.010841	.987985
35	.006075	.994060
36	.003183	.997242
37	.001557	.998800
38	.000711	.999511
39	.000303	.999814
40	.000120	.999933
41	.000044	.999978
42	.000015	.999993
43	.000005	.999997
44	.000001	.999999
45	.000000	.999999

p=.44

x	Individual Term	Cumulative (x or less)
8	.000000	.000000
9	.000001	.000002
10	.000005	.000007
11	.000019	.000025
12	.000060	.000086
13	.000175	.000261
14	.000462	.000723
15	.001112	.001835
16	.002457	.004292
17	.004997	.009289
18	.009380	.018669
19	.016291	.034961
20	.026241	.061202
21	.039272	.100474
22	.054700	.155174
23	.071009	.226183
24	.086013	.312196
25	.097318	.409514
26	.102933	.512447
27	.101843	.614290
28	.094309	.708599
29	.081765	.790364
30	.066386	.856750
31	.050478	.907227
32	.035943	.943170
33	.023962	.967132
34	.014951	.982083
35	.008726	.990809
36	.004761	.995571
37	.002427	.997997
38	.001154	.999151
39	.000512	.999663
40	.000211	.999874
41	.000081	.999955
42	.000029	.999983
43	.000009	.999993
44	.000003	.999996
45	.000001	.999997
46	.000000	.999997

p=.45

x	Individual Term	Cumulative (x or less)
9	.000001	.000001
10	.000003	.000003
11	.000010	.000013
12	.000033	.000047
13	.000100	.000147
14	.000276	.000423
15	.000692	.001116
16	.001593	.002709
17	.003374	.006083
18	.006595	.012678
19	.011928	.024606
20	.020006	.044612
21	.031178	.075790
22	.045221	.121012
23	.061129	.182141
24	.077106	.259248
25	.090845	.350093
26	.100057	.450150
27	.103089	.553239
28	.099407	.652646
29	.089747	.742393
30	.075877	.818270
31	.060079	.878348
32	.044547	.922895
33	.030925	.953820
34	.020093	.973913
35	.012212	.986126
36	.006939	.993065
37	.003683	.996747
38	.001824	.998571
39	.000842	.999412
40	.000362	.999774
41	.000144	.999918
42	.000053	.999972
43	.000018	.999990
44	.000006	.999996
45	.000002	.999997
46	.000000	.999998

n-
60

50-100 BINOMIAL TABLES

p=.46			p=.47			p=.48		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
9	.000000	.000000	10	.000001	.000001	10	.000000	.000000
10	.000001	.000002	11	.000003	.000003	11	.000001	.000002
11	.000005	.000007	12	.000009	.000013	12	.000005	.000007
12	.000018	.000025	13	.000031	.000044	13	.000017	.000025
13	.000056	.000081	14	.000092	.000136	14	.000052	.000075
14	.000161	.000243	15	.000251	.000387	15	.000146	.000221
15	.000422	.000664	16	.000626	.001013	16	.000379	.000600
16	.001010	.001675	17	.001437	.002450	17	.000906	.001506
17	.002227	.003902	18	.003044	.005495	18	.001998	.003505
18	.004532	.008434	19	.005968	.011463	19	.004077	.007582
19	.008535	.016969	20	.010849	.022312	20	.007715	.015297
20	.014904	.031873	21	.018326	.040638	21	.013566	.028863
21	.024183	.056057	22	.028809	.069446	22	.022198	.051061
22	.036519	.092576	23	.042209	.111655	23	.033854	.084916
23	.051397	.143974	24	.057705	.169360	24	.048177	.133093
24	.067499	.211472	25	.073688	.243048	25	.064039	.197132
25	.082799	.294271	26	.087966	.331014	26	.079575	.276708
26	.094947	.389218	27	.098232	.429246	27	.092498	.369205
27	.101850	.491068	28	.102667	.531912	28	.100629	.469834
28	.102254	.593322	29	.100462	.632374	29	.102498	.572332
29	.096116	.689439	30	.092059	.724433	30	.097767	.670099
30	.084606	.774045	31	.079004	.803436	31	.087335	.757434
31	.069747	.843791	32	.063492	.866928	32	.073059	.830493
32	.053844	.897635	33	.047773	.914701	33	.057221	.887714
33	.038917	.936553	34	.033643	.948344	34	.041945	.929659
34	.026327	.962879	35	.022162	.970506	35	.028762	.958421
35	.016660	.979539	36	.013648	.984154	36	.018437	.976858
36	.009855	.989394	37	.007851	.992005	37	.011039	.987898
37	.005446	.994839	38	.004214	.996219	38	.006168	.994066
38	.002808	.997647	39	.002108	.998327	39	.003212	.997277
39	.001349	.998996	40	.000981	.999308	40	.001556	.998834
40	.000603	.999600	41	.000425	.999733	41	.000701	.999534
41	.000251	.999850	42	.000170	.999903	42	.000293	.999827
42	.000097	.999947	43	.000063	.999966	43	.000113	.999940
43	.000034	.999982	44	.000022	.999988	44	.000040	.999980
44	.000011	.999993	45	.000007	.999995	45	.000013	.999994
45	.000003	.999996	46	.000002	.999997	46	.000004	.999998
46	.000001	.999997	47	.000001	.999997	47	.000001	.999999
47	.000000	.999997	48	.000000	.999997	48	.000000	.999999

50-100 BINOMIAL TABLES

n=
60

p=.49

x	Individual Term	Cumulative (x or less)
11	.000001	.000001
12	.000002	.000003
13	.000009	.000012
14	.000028	.000040
15	.000083	.000123
16	.000224	.000348
17	.000558	.000906
18	.001281	.002187
19	.002721	.004908
20	.005360	.010268
21	.009808	.020076
22	.016706	.036782
23	.026519	.063301
24	.039279	.102580
25	.054344	.156925
26	.070287	.227212
27	.085038	.312250
28	.096293	.408544
29	.102088	.510632
30	.101354	.611986
31	.094238	.706224
32	.082054	.788278
33	.066891	.855169
34	.051037	.906206
35	.036426	.942632
36	.024304	.966936
37	.015146	.982082
38	.008808	.990890
39	.004774	.995664
40	.002408	.998072
41	.001129	.999201
42	.000491	.999691
43	.000197	.999888
44	.000073	.999962
45	.000025	.999987
46	.000008	.999994
47	.000002	.999997
48	.000001	.999997
49	.000000	.999997

p=.50

x	Individual Term	Cumulative (x or less)
11	.000000	.000000
12	.000001	.000002
13	.000004	.000006
14	.000013	.000021
15	.000046	.000067
16	.000130	.000197
17	.000336	.000533
18	.000802	.001335
19	.001774	.003109
20	.003636	.006745
21	.006925	.013670
22	.012277	.025947
23	.020284	.046231
24	.031271	.077501
25	.045030	.122531
26	.060617	.183147
27	.076332	.259480
28	.089963	.349443
29	.099269	.448712
30	.102578	.551290
31	.099269	.650559
32	.089963	.740522
33	.076332	.816854
34	.060617	.877471
35	.045030	.922501
36	.031271	.953771
37	.020284	.974055
38	.012277	.986332
39	.006925	.993257
40	.003636	.996893
41	.001774	.998666
42	.000802	.999469
43	.000336	.999805
44	.000130	.999934
45	.000046	.999981
46	.000015	.999996
47	.000004	1.000001
48	.000001	1.000002
49	.000000	1.000002

n=
65

50-100 BINOMIAL TABLES

p=.01			p=.02			p=.03		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
0	.520340	.520340	0	.268965	.268965	0	.138090	.138090
1	.341638	.861978	1	.356790	.625754	1	.277604	.415694
2	.110428	.972406	2	.233006	.858760	2	.274742	.690436
3	.023424	.995831	3	.099859	.958619	3	.178441	.868877
4	.003667	.999498	4	.031588	.990207	4	.085541	.954418
5	.000452	.999950	5	.007865	.998072	5	.032276	.986694
6	.000046	.999996	6	.001605	.999677	6	.009982	.996677
7	.000004	1.000000	7	.000276	.999953	7	.002602	.999279
8	.000000	1.000000	8	.000041	.999994	8	.000583	.999863
			9	.000005	1.000000	9	.000114	.999977
			10	.000001	1.000001	10	.000020	.999997
			11	.000000	1.000001	11	.000003	1.000000
						12	.000000	1.000001

p=.04			p=.05			p=.06		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
0	.070409	.070409	0	.035648	.035648	0	.017919	.017919
1	.190692	.261101	1	.121954	.157601	1	.074344	.092263
2	.254256	.515357	2	.205395	.362997	2	.151852	.244115
3	.222474	.737831	3	.227016	.590013	3	.203547	.447662
4	.143681	.881512	4	.185197	.775210	4	.201381	.649043
5	.073038	.954550	5	.118916	.894126	5	.156820	.805863
6	.030432	.984982	6	.062587	.956713	6	.100098	.905961
7	.010688	.995670	7	.027764	.984478	7	.053852	.959813
8	.003229	.998898	8	.010594	.995072	8	.024921	.984734
9	.000852	.999750	9	.003531	.998604	9	.010074	.994808
10	.000199	.999949	10	.001041	.999644	10	.003601	.998410
11	.000041	.999990	11	.000274	.999918	11	.001149	.999559
12	.000008	.999998	12	.000065	.999983	12	.000330	.999889
13	.000001	.999999	13	.000014	.999997	13	.000086	.999975
14	.000000	1.000000	14	.000003	1.000000	14	.000020	.999995
			15	.000000	1.000001	15	.000004	1.000000
						16	.000001	1.000001
						17	.000000	1.000001

50-100 BINOMIAL TABLES

n=
65

p=.07

x	Individual Term	Cumulative (x or less)
0	.008941	.008941
1	.043744	.052685
2	.105362	.158048
3	.166540	.324588
4	.194297	.518885
5	.178419	.697304
6	.134294	.831598
7	.085197	.916795
8	.046492	.963287
9	.022163	.985450
10	.009342	.994792
11	.003516	.998307
12	.001191	.999498
13	.000365	.999864
14	.000102	.999966
15	.000026	.999992
16	.000006	.999998
17	.000001	.999999
18	.000000	1.000000

p=.08

x	Individual Term	Cumulative (x or less)
0	.004428	.004428
1	.025028	.029456
2	.069643	.099099
3	.127174	.226273
4	.171408	.397681
5	.181842	.579523
6	.158123	.737646
7	.115892	.853538
8	.073062	.926600
9	.040237	.966837
10	.019594	.986430
11	.008519	.994949
12	.003334	.998283
13	.001182	.999465
14	.000382	.999846
15	.000113	.999959
16	.000031	.999990
17	.000008	.999998
18	.000002	.999999
19	.000000	1.000000

p=.09

x	Individual Term	Cumulative (x or less)
0	.002176	.002176
1	.013990	.016166
2	.044275	.060440
3	.091955	.152396
4	.140964	.293360
5	.170087	.463447
6	.168217	.631664
7	.140225	.771889
8	.100546	.872435
9	.062979	.935415
10	.034881	.970296
11	.017249	.987544
12	.007677	.995221
13	.003095	.998316
14	.001137	.999453
15	.000382	.999836
16	.000118	.999954
17	.000034	.999988
18	.000009	.999997
19	.000002	.999999
20	.000000	.999999

p=.10

x	Individual Term	Cumulative (x or less)
0	.001061	.001061
1	.007664	.008725
2	.027248	.035973
3	.063580	.099553
4	.109498	.209051
5	.148431	.357482
6	.164923	.522405
7	.154452	.676857
8	.124420	.801277
9	.087555	.888831
10	.054478	.943310
11	.030266	.973575
12	.015133	.988708
13	.006855	.995563
14	.002829	.998392
15	.001069	.999461
16	.000371	.999832
17	.000119	.999951
18	.000035	.999986
19	.000010	.999996
20	.000002	.999999
21	.000001	.999999
22	.000000	.999999

p=.11

x	Individual Term	Cumulative (x or less)
0	.000513	.000513
1	.004124	.004637
2	.016309	.020945
3	.042329	.063273
4	.081092	.144366
5	.122275	.266641
6	.151126	.417768
7	.157433	.575201
8	.141071	.716272
9	.110426	.826698
10	.076430	.903128
11	.047232	.950360
12	.026269	.976629
13	.013237	.989866
14	.006077	.995942
15	.002554	.998496
16	.000986	.999482
17	.000351	.999834
18	.000116	.999950
19	.000035	.999985
20	.000010	.999995
21	.000003	.999998
22	.000001	.999998
23	.000000	.999999

p=.12

x	Individual Term	Cumulative (x or less)
0	.000246	.000246
1	.002183	.002429
2	.009524	.011953
3	.027274	.039227
4	.057648	.096875
5	.095905	.192780
6	.130779	.323559
7	.150311	.473870
8	.148603	.622473
9	.128339	.750812
10	.098004	.848817
11	.066821	.915638
12	.041004	.956642
13	.022796	.979438
14	.011546	.990984
15	.005353	.996337
16	.002281	.998618
17	.000897	.999515
18	.000326	.999841
19	.000110	.999951
20	.000034	.999985
21	.000010	.999995
22	.000003	.999998
23	.000001	.999999
24	.000000	.999999

n=
65

50-100 BINOMIAL TABLES

p=.13			p=.14			p=.15		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
0	.000117	.000117	0	.000055	.000055	0	.000026	.000026
1	.001138	.001255	1	.000585	.000640	1	.000296	.000322
2	.005441	.006696	2	.003046	.003686	2	.001674	.001996
3	.017073	.023769	3	.010413	.014099	3	.006202	.008198
4	.039542	.063311	4	.026274	.040373	4	.016964	.025162
5	.072085	.135396	5	.052182	.092555	5	.036523	.061685
6	.107714	.243110	6	.084948	.177503	6	.064452	.126137
7	.135659	.378768	7	.116556	.294059	7	.095866	.222003
8	.146964	.525732	8	.137563	.431622	8	.122652	.344655
9	.139080	.664812	9	.141829	.573451	9	.137082	.481737
10	.116380	.781192	10	.129295	.702746	10	.135469	.617206
11	.086950	.868143	11	.105240	.807986	11	.119531	.736737
12	.058467	.926609	12	.077094	.885080	12	.094922	.831659
13	.035618	.962227	13	.051166	.936247	13	.068292	.899951
14	.019768	.981995	14	.030938	.967185	14	.044763	.944714
15	.010043	.992038	15	.017124	.984309	15	.026858	.971572
16	.004690	.996728	16	.008711	.993020	16	.014811	.986383
17	.002020	.998748	17	.004087	.997107	17	.007534	.993917
18	.000805	.999553	18	.001774	.998882	18	.003545	.997463
19	.000297	.999850	19	.000715	.999596	19	.001548	.999010
20	.000102	.999952	20	.000268	.999864	20	.000628	.999638
21	.000033	.999985	21	.000093	.999957	21	.000238	.999876
22	.000010	.999995	22	.000030	.999987	22	.000084	.999960
23	.000003	.999997	23	.000009	.999997	23	.000028	.999987
24	.000001	.999998	24	.000003	.999999	24	.000009	.999996
25	.000000	.999998	25	.000001	1.000000	25	.000002	.999998
			26	.000000	1.000001	26	.000001	.999999
						27	.000000	.999999

50-100 BINOMIAL TABLES

n=
65

p=.16			p=.17			p=.18		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
0	.000012	.000012	0	.000005	.000005	0	.000002	.000002
1	.000148	.000160	1	.000073	.000079	1	.000036	.000038
2	.000903	.001064	2	.000480	.000558	2	.000251	.000289
3	.003614	.004677	3	.002063	.002621	3	.001155	.001444
4	.010669	.015347	4	.006549	.009170	4	.003930	.005373
5	.024793	.040140	5	.016365	.025535	5	.010524	.015897
6	.047225	.087365	6	.033518	.059052	6	.023101	.038998
7	.075817	.163182	7	.057863	.116915	7	.042740	.081738
8	.104700	.267881	8	.085923	.202838	8	.068020	.149758
9	.126304	.394185	9	.111438	.314296	9	.094564	.244322
10	.134724	.528910	10	.127841	.442137	10	.116245	.360567
11	.128309	.657219	11	.130922	.573059	11	.127586	.488152
12	.109979	.767198	12	.120669	.693727	12	.126030	.614182
13	.085405	.852603	13	.100762	.794490	13	.112788	.726970
14	.060423	.913025	14	.076656	.871145	14	.091960	.818930
15	.039131	.952156	15	.053382	.924527	15	.068633	.887563
16	.023292	.975448	16	.034168	.958695	16	.047081	.934644
17	.012788	.988236	17	.020171	.978866	17	.029789	.964432
18	.006495	.994731	18	.011017	.989883	18	.017437	.981870
19	.003060	.997792	19	.005582	.995465	19	.009468	.991338
20	.001341	.999133	20	.002630	.998095	20	.004780	.996119
21	.000547	.999680	21	.001134	.999249	21	.002249	.998567
22	.000208	.999889	22	.000473	.999722	22	.000987	.999354
23	.000074	.999963	23	.000181	.999903	23	.000405	.999759
24	.000025	.999987	24	.000065	.999967	24	.000156	.999915
25	.000008	.999995	25	.000022	.999989	25	.000056	.999971
26	.000002	.999997	26	.000007	.999996	26	.000019	.999990
27	.000001	.999998	27	.000002	.999998	27	.000006	.999996
28	.000000	.999998	28	.000001	.999999	28	.000002	.999998
			29	.000000	.999999	29	.000001	.999998
						30	.000000	.999998

n=
65

50-100 BINOMIAL TABLES

p=.19			p=.20			p=.21		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
0	.000001	.000001	0	.000001	.000001	1	.000004	.000004
1	.000017	.000018	1	.000008	.000009	2	.000033	.000037
2	.000129	.000147	2	.000065	.000074	3	.000182	.000219
3	.000635	.000782	3	.000343	.000417	4	.000749	.000968
4	.002308	.003090	4	.001328	.001745	5	.002431	.003398
5	.006605	.009694	5	.004051	.005795	6	.006461	.009859
6	.015492	.025186	6	.010127	.015922	7	.014476	.024335
7	.030629	.055816	7	.021338	.037260	8	.027897	.052232
8	.052088	.107904	8	.038675	.075936	9	.046967	.099199
9	.077382	.185286	9	.061236	.137172	10	.069915	.169114
10	.101648	.286934	10	.085731	.222902	11	.092925	.262039
11	.119216	.406150	11	.107163	.330066	12	.111157	.373195
12	.125840	.531990	12	.120559	.450624	13	.120465	.493660
13	.120342	.652332	13	.122877	.573501	14	.118940	.612601
14	.104848	.757180	14	.114100	.687601	15	.107498	.720098
15	.083620	.840800	15	.096985	.784586	16	.089298	.809396
16	.061295	.902096	16	.075770	.860356	17	.068420	.877816
17	.041442	.943538	17	.054599	.914955	18	.048500	.926316
18	.025923	.969461	18	.036399	.951354	19	.031892	.958208
19	.015042	.984502	19	.022510	.973864	20	.019498	.977706
20	.008115	.992617	20	.012943	.986807	21	.011107	.988813
21	.004079	.996696	21	.006934	.993741	22	.005905	.994718
22	.001914	.998610	22	.003467	.997208	23	.002935	.997652
23	.000839	.999449	23	.001620	.998828	24	.001365	.999017
24	.000344	.999793	24	.000709	.999537	25	.000595	.999612
25	.000133	.999926	25	.000291	.999828	26	.000243	.999856
26	.000048	.999974	26	.000112	.999940	27	.000093	.999949
27	.000016	.999990	27	.000040	.999980	28	.000034	.999983
28	.000005	.999995	28	.000014	.999994	29	.000011	.999994
29	.000002	.999997	29	.000004	.999998	30	.000004	.999998
30	.000000	.999997	30	.000001	.999999	31	.000001	.999999
			31	.000000	1.000000	32	.000000	.999999

50-100 BINOMIAL TABLES

n=
65

p=.22

x	Individual Term	Cumulative (x or less)
1	.000002	.000002
2	.000016	.000018
3	.000095	.000113
4	.000415	.000528
5	.001428	.001956
6	.004028	.005984
7	.009576	.015560
8	.019581	.035141
9	.034978	.070119
10	.055248	.125367
11	.077914	.203281
12	.098891	.302172
13	.113714	.415886
14	.119129	.535016
15	.114242	.649257
16	.100694	.749951
17	.081861	.831813
18	.061571	.893384
19	.042958	.936342
20	.027868	.964210
21	.016843	.981053
22	.009501	.990554
23	.005010	.995565
24	.002473	.998038
25	.001144	.999182
26	.000496	.999678
27	.000202	.999880
28	.000077	.999958
29	.000028	.999985
30	.000009	.999995
31	.000003	.999998
32	.000001	.999999
33	.000000	.999999

p=.23

x	Individual Term	Cumulative (x or less)
1	.000001	.000001
2	.000008	.000009
3	.000049	.000057
4	.000226	.000283
5	.000822	.001105
6	.002456	.003562
7	.006184	.009746
8	.013392	.023138
9	.025336	.048474
10	.042379	.090853
11	.063294	.154147
12	.085077	.239224
13	.103605	.342829
14	.114946	.457775
15	.116737	.574512
16	.108967	.683479
17	.093817	.777296
18	.074729	.852024
19	.055216	.907241
20	.037934	.945175
21	.024281	.969456
22	.014505	.983961
23	.008100	.992062
24	.004234	.996296
25	.002074	.998370
26	.000953	.999323
27	.000411	.999735
28	.000167	.999901
29	.000064	.999965
30	.000023	.999988
31	.000008	.999995
32	.000002	.999998
33	.000001	.999999
34	.000000	.999999

p=.24

x	Individual Term	Cumulative (x or less)
1	.000000	.000000
2	.000004	.000004
3	.000025	.000029
4	.000121	.000149
5	.000464	.000614
6	.001466	.002080
7	.003903	.005983
8	.008936	.014919
9	.017871	.032790
10	.031604	.064394
11	.049902	.114296
12	.070913	.185209
13	.091296	.276505
14	.107085	.383590
15	.114975	.498565
16	.113462	.612027
17	.103275	.715302
18	.086969	.802271
19	.067937	.870208
20	.049343	.919551
21	.033390	.952941
22	.021089	.974030
23	.012450	.986480
24	.006881	.993361
25	.003563	.996924
26	.001731	.998656
27	.000790	.999445
28	.000338	.999784
29	.000136	.999920
30	.000052	.999972
31	.000018	.999990
32	.000006	.999996
33	.000002	.999998
34	.000001	.999999
35	.000000	.999999

n=
65

50-100 BINOMIAL TABLES

p=.25			p=.26			p=.27		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
2	.000002	.000002	2	.000001	.000001	3	.000003	.000003
3	.000012	.000014	3	.000006	.000007	4	.000017	.000020
4	.000063	.000077	4	.000033	.000040	5	.000075	.000095
5	.000257	.000335	5	.000140	.000179	6	.000276	.000371
6	.000857	.001192	6	.000491	.000671	7	.000861	.001232
7	.002409	.003601	7	.001455	.002126	8	.002309	.003540
8	.005822	.009423	8	.003707	.005834	9	.005408	.008949
9	.012291	.021714	9	.008250	.014083	10	.011202	.020150
10	.022943	.044658	10	.016232	.030315	11	.020715	.040866
11	.038239	.082897	11	.028515	.058830	12	.034478	.075344
12	.057358	.140255	12	.045085	.103915	13	.051990	.127334
13	.077948	.218203	13	.064581	.168496	14	.071423	.198756
14	.096508	.314711	14	.084279	.252775	15	.089816	.288573
15	.109375	.424086	15	.100680	.353455	16	.103812	.392384
16	.113933	.538018	16	.110543	.463998	17	.110671	.503055
17	.109465	.647483	17	.111949	.575948	18	.109155	.612211
18	.097302	.744785	18	.104890	.680837	19	.099869	.712079
19	.080231	.825016	19	.091163	.772000	20	.084957	.797036
20	.061511	.886527	20	.073669	.845669	21	.067334	.864369
21	.043936	.930463	21	.055465	.901135	22	.049808	.914178
22	.029291	.959754	22	.038976	.940110	23	.034442	.948620
23	.018254	.978008	23	.025602	.963712	24	.022293	.970912
24	.010648	.988656	24	.015742	.981454	25	.013522	.984435
25	.005821	.994477	25	.009071	.990525	26	.007694	.992129
26	.002985	.997462	26	.004903	.995428	27	.004111	.996240
27	.001437	.998899	27	.002488	.997917	28	.002063	.998303
28	.000650	.999549	28	.001187	.999103	29	.000974	.999277
29	.000277	.999826	29	.000532	.999635	30	.000432	.999709
30	.000111	.999936	30	.000224	.999859	31	.000180	.999889
31	.000042	.999978	31	.000089	.999948	32	.000071	.999960
32	.000015	.999993	32	.000033	.999981	33	.000026	.999987
33	.000005	.999998	33	.000012	.999993	34	.000009	.999996
34	.000002	.999999	34	.000004	.999997	35	.000003	.999999
35	.000000	1.000000	35	.000001	.999998	36	.000001	1.000000
			36	.000000	.999999			

50-100 BINOMIAL TABLES

n=
65

p=.28			p=.29			p=.30		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
3	.000001	.000002	3	.000001	.000001	3	.000000	.000000
4	.000008	.000010	4	.000004	.000005	4	.000002	.000002
5	.000039	.000049	5	.000020	.000025	5	.000010	.000012
6	.000152	.000201	6	.000082	.000107	6	.000044	.000056
7	.000499	.000700	7	.000283	.000391	7	.000158	.000214
8	.001407	.002107	8	.000839	.001230	8	.000490	.000703
9	.003465	.005572	9	.002171	.003402	9	.001331	.002036
10	.007547	.013119	10	.004967	.008368	10	.003195	.005231
11	.014674	.027793	11	.010143	.018512	11	.006847	.012078
12	.025680	.053473	12	.018644	.037156	12	.013204	.025282
13	.040714	.094187	13	.031046	.068202	13	.023071	.048354
14	.058809	.152996	14	.047100	.115303	14	.036726	.085080
15	.077759	.230755	15	.065410	.180712	15	.053515	.138595
16	.094499	.325254	16	.083490	.264202	16	.071672	.210267
17	.105925	.431180	17	.098292	.362495	17	.088536	.298802
18	.109848	.541028	18	.107060	.469555	18	.101184	.399986
19	.105673	.646701	19	.108171	.577726	19	.107270	.507256
20	.094519	.741220	20	.101620	.679346	20	.105738	.612994
21	.078765	.819985	21	.088943	.768289	21	.097106	.710100
22	.061262	.881247	22	.072658	.840947	22	.083234	.793334
23	.044541	.925788	23	.055483	.896430	23	.066690	.860024
24	.030312	.956100	24	.039659	.936089	24	.050018	.910042
25	.019333	.975433	25	.026566	.962654	25	.035155	.945198
26	.011567	.986999	26	.016694	.979348	26	.023179	.968377
27	.006497	.993496	27	.009849	.989197	27	.014349	.982726
28	.003429	.996926	28	.005460	.994656	28	.008346	.991072
29	.001701	.998627	29	.002845	.997502	29	.004564	.995635
30	.000794	.999421	30	.001395	.998896	30	.002347	.997982
31	.000349	.999770	31	.000643	.999539	31	.001136	.999118
32	.000144	.999914	32	.000279	.999818	32	.000517	.999635
33	.000056	.999970	33	.000114	.999932	33	.000222	.999857
34	.000021	.999990	34	.000044	.999976	34	.000089	.999946
35	.000007	.999997	35	.000016	.999992	35	.000034	.999980
36	.000002	.999999	36	.000005	.999997	36	.000012	.999992
37	.000001	1.000000	37	.000002	.999999	37	.000004	.999996
			38	.000001	1.000000	38	.000001	.999998
			39	.000000	1.000000	39	.000000	.999998

n=
65

50-100 BINOMIAL TABLES

p=.31			p=.32			p=.33		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
4	.000001	.000001	4	.000000	.000000	5	.000001	.000001
5	.000005	.000006	5	.000002	.000003	6	.000006	.000007
6	.000023	.000029	6	.000012	.000015	7	.000024	.000031
7	.000086	.000115	7	.000046	.000061	8	.000087	.000118
8	.000281	.000396	8	.000157	.000218	9	.000270	.000388
9	.000799	.001195	9	.000469	.000688	10	.000745	.001133
10	.002010	.003205	10	.001237	.001925	11	.001835	.002968
11	.004515	.007720	11	.002911	.004835	12	.004066	.007034
12	.009129	.016849	12	.006164	.010999	13	.008165	.015199
13	.016721	.033570	13	.011825	.022824	14	.014938	.030137
14	.027903	.061472	14	.020670	.043494	15	.025015	.055152
15	.042622	.104094	15	.033071	.076565	16	.038503	.093655
16	.059841	.163935	16	.048634	.125199	17	.054661	.148317
17	.077492	.241427	17	.065967	.191167	18	.071794	.220111
18	.092841	.334268	18	.082783	.273949	19	.087472	.307583
19	.103180	.437448	19	.096366	.370315	20	.099092	.406675
20	.106619	.544067	20	.104302	.474618	21	.104585	.511260
21	.102646	.646713	21	.105179	.579796	22	.103024	.614284
22	.092232	.738945	22	.098992	.678788	23	.094868	.709152
23	.077471	.816416	23	.087092	.765880	24	.081770	.790922
24	.060910	.877326	24	.071723	.837603	25	.066051	.856973
25	.044879	.922205	25	.055353	.892956	26	.050050	.907023
26	.031020	.953225	26	.040075	.933031	27	.035608	.942631
27	.020131	.973356	27	.027240	.960271	28	.023802	.966433
28	.012274	.985630	28	.017397	.977669	29	.014957	.981390
29	.007036	.992666	29	.010445	.988114	30	.008840	.990231
30	.003793	.996459	30	.005899	.994013	31	.004916	.995147
31	.001924	.998383	31	.003134	.997147	32	.002573	.997720
32	.000918	.999302	32	.001567	.998714	33	.001267	.998987
33	.000413	.999714	33	.000737	.999451	34	.000587	.999574
34	.000174	.999889	34	.000327	.999778	35	.000256	.999830
35	.000069	.999958	35	.000136	.999914	36	.000105	.999936
36	.000026	.999984	36	.000053	.999967	37	.000041	.999976
37	.000009	.999993	37	.000020	.999987	38	.000015	.999991
38	.000003	.999996	38	.000007	.999994	39	.000005	.999996
39	.000001	.999997	39	.000002	.999996	40	.000002	.999997
40	.000000	.999997	40	.000001	.999997	41	.000000	.999998
41	.000000	.999998	41	.000000	.999997			

50-100 BINOMIAL TABLES

n=65

p=.34

x	Individual Term	Cumulative (x or less)
5	.000001	.000001
6	.000003	.000004
7	.000012	.000016
8	.000047	.000063
9	.000152	.000215
10	.000439	.000654
11	.001131	.001783
12	.002622	.004407
13	.005507	.009914
14	.010537	.020451
15	.018456	.038907
16	.029711	.068618
17	.044117	.112735
18	.066055	.173340
19	.077230	.250569
20	.091506	.342075
21	.101013	.443087
22	.104074	.547161
23	.100234	.647395
24	.090363	.737758
25	.076343	.814100
26	.060505	.874605
27	.045022	.919627
28	.031476	.951103
29	.020688	.971792
30	.012789	.984581
31	.007438	.992019
32	.004071	.996091
33	.002097	.998188
34	.001017	.999205
35	.000464	.999669
36	.000199	.999868
37	.000080	.999949
38	.000031	.999979
39	.000011	.999990
40	.000004	.999994
41	.000001	.999995
42	.000000	.999995

p=.35

x	Individual Term	Cumulative (x or less)
6	.000001	.000002
7	.000006	.000008
8	.000025	.000033
9	.000084	.000117
10	.000253	.000370
11	.000682	.001052
12	.001653	.002705
13	.003629	.006334
14	.007258	.013592
15	.013288	.026880
16	.022359	.049239
17	.034702	.083940
18	.049828	.133768
19	.066370	.200139
20	.082197	.282336
21	.094843	.377178
22	.102138	.479317
23	.102822	.582138
24	.096889	.679028
25	.085561	.764589
26	.070879	.835467
27	.055128	.890595
28	.040286	.930881
29	.027676	.958558
30	.017883	.976441
31	.010872	.987313
32	.006220	.993533
33	.003349	.996882
34	.001697	.998580
35	.000810	.999389
36	.000363	.999752
37	.000153	.999906
38	.000061	.999966
39	.000023	.999989
40	.000008	.999997
41	.000003	1.000000
42	.000001	1.000001
43	.000000	1.000001

p=.36

x	Individual Term	Cumulative (x or less)
6	.000001	.000001
7	.000003	.000004
8	.000013	.000017
9	.000045	.000062
10	.000143	.000205
11	.000403	.000608
12	.001019	.001627
13	.002337	.003964
14	.004883	.008847
15	.009339	.018186
16	.016416	.034602
17	.026615	.061217
18	.039923	.101141
19	.055551	.156692
20	.071869	.228561
21	.086628	.315189
22	.097456	.412645
23	.102488	.515133
24	.100887	.616020
25	.093068	.709087
26	.080540	.789627
27	.065438	.855065
28	.049955	.905020
29	.035851	.940872
30	.024200	.965072
31	.015369	.980440
32	.009185	.989626
33	.005167	.994792
34	.002735	.997528
35	.001363	.998890
36	.000639	.999529
37	.000282	.999811
38	.000117	.999927
39	.000045	.999973
40	.000017	.999990
41	.000006	.999995
42	.000002	.999997
43	.000001	.999998
44	.000000	.999998

n=
65

50-100 BINOMIAL TABLES

p=.37		
x	Individual Term	Cumulative (x or less)
7	.000002	.000002
8	.000006	.000008
9	.000024	.000032
10	.000079	.000112
11	.000233	.000344
12	.000615	.000959
13	.001471	.002430
14	.003210	.005640
15	.006409	.012049
16	.011763	.023812
17	.019913	.043725
18	.031186	.074911
19	.045307	.120218
20	.061200	.181418
21	.077021	.258438
22	.090469	.348907
23	.099334	.448241
24	.102094	.550335
25	.098334	.648669
26	.088849	.737518
27	.075373	.812891
28	.060076	.872967
29	.045016	.917982
30	.031725	.949708
31	.021037	.970744
32	.013127	.983871
33	.007710	.991581
34	.004261	.995842
35	.002217	.998059
36	.001085	.999144
37	.000499	.999643
38	.000216	.999859
39	.000088	.999947
40	.000034	.999981
41	.000012	.999993
42	.000004	.999997
43	.000001	.999998
44	.000000	.999999

p=.38		
x	Individual Term	Cumulative (x or less)
7	.000001	.000001
8	.000003	.000004
9	.000012	.000017
10	.000043	.000059
11	.000131	.000191
12	.000362	.000553
13	.000906	.001459
14	.002062	.003521
15	.004296	.007817
16	.008229	.016046
17	.014537	.030583
18	.023759	.054342
19	.036022	.090365
20	.050780	.141144
21	.066692	.207837
22	.081752	.289589
23	.093676	.383265
24	.100476	.483741
25	.100994	.584735
26	.095230	.679965
27	.084308	.764273
28	.070127	.834400
29	.054838	.889238
30	.040332	.929570
31	.027909	.957479
32	.018175	.975654
33	.011139	.986794
34	.006426	.993220
35	.003488	.996708
36	.001782	.998490
37	.000856	.999346
38	.000387	.999732
39	.000164	.999896
40	.000065	.999961
41	.000024	.999986
42	.000009	.999994
43	.000003	.999997
44	.000001	.999998
45	.000000	.999998

p=.39		
x	Individual Term	Cumulative (x or less)
8	.000002	.000002
9	.000006	.000008
10	.000023	.000031
11	.000073	.000104
12	.000209	.000313
13	.000545	.000858
14	.001294	.002152
15	.002813	.004965
16	.005621	.010586
17	.010358	.020944
18	.017660	.038604
19	.027930	.066534
20	.041070	.107604
21	.056267	.163872
22	.071948	.235820
23	.086000	.321820
24	.096221	.418040
25	.100890	.518930
26	.099236	.618167
27	.091644	.709811
28	.079518	.789329
29	.064864	.854193
30	.049765	.903957
31	.035922	.939879
32	.024402	.964281
33	.015601	.979882
34	.009388	.989270
35	.005316	.994586
36	.002832	.997419
37	.001419	.998838
38	.000669	.999507
39	.000296	.999803
40	.000123	.999926
41	.000048	.999973
42	.000018	.999991
43	.000006	.999997
44	.000002	.999999
45	.000001	.999999
46	.000000	1.000000

50-100 BINOMIAL TABLES

n=
65

p=.40			p=.41			p=.42		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
8	.000001	.000001	9	.000002	.000002	9	.000001	.000001
9	.000003	.000004	10	.000006	.000008	10	.000003	.000004
10	.000012	.000016	11	.000021	.000029	11	.000011	.000015
11	.000039	.000055	12	.000065	.000094	12	.000035	.000050
12	.000118	.000173	13	.000184	.000278	13	.000104	.000154
13	.000321	.000494	14	.000476	.000754	14	.000279	.000433
14	.000794	.001288	15	.001125	.001879	15	.000687	.001119
15	.001800	.003088	16	.002443	.004322	16	.001554	.002674
16	.003750	.006837	17	.004893	.009215	17	.003244	.005918
17	.007205	.014042	18	.009067	.018282	18	.006265	.012183
18	.012809	.026851	19	.015587	.033869	19	.011223	.023406
19	.021123	.047974	20	.024912	.058781	20	.018691	.042097
20	.032389	.080363	21	.037097	.095878	21	.029004	.071101
21	.046270	.126634	22	.051558	.147436	22	.042005	.113106
22	.061693	.188327	23	.066984	.214420	23	.056868	.169974
23	.076893	.265220	24	.081459	.295879	24	.072065	.242039
24	.089709	.354929	25	.092836	.388715	25	.085584	.327623
25	.098082	.453011	26	.099251	.487966	26	.095345	.422968
26	.100597	.553608	27	.099625	.587590	27	.099729	.522697
27	.096871	.650478	28	.093956	.681546	28	.098009	.620706
28	.087645	.738123	29	.083303	.764849	29	.090551	.711257
29	.074549	.812672	30	.069466	.834315	30	.078686	.789943
30	.059639	.872311	31	.054502	.888817	31	.064331	.854274
31	.044889	.917200	32	.040241	.929058	32	.049496	.903771
32	.031797	.948997	33	.027964	.957023	33	.035842	.939613
33	.021198	.970195	34	.018290	.975312	34	.024428	.964041
34	.013301	.983495	35	.011257	.986570	35	.015668	.979708
35	.007854	.991349	36	.006519	.993089	36	.009455	.989163
36	.004363	.995712	37	.003551	.996639	37	.005366	.994529
37	.002280	.997992	38	.001818	.998457	38	.002863	.997392
38	.001120	.999112	39	.000875	.999332	39	.001435	.998828
39	.000517	.999629	40	.000395	.999727	40	.000676	.999503
40	.000224	.999853	41	.000167	.999895	41	.000298	.999802
41	.000091	.999944	42	.000066	.999961	42	.000123	.999925
42	.000035	.999979	43	.000025	.999986	43	.000048	.999973
43	.000012	.999991	44	.000009	.999994	44	.000017	.999990
44	.000004	.999995	45	.000003	.999997	45	.000006	.999996
45	.000001	.999997	46	.000001	.999998	46	.000002	.999998
46	.000000	.999997	47	.000000	.999998	47	.000001	.999998
						48	.000000	.999998

n=
65

50-100 BINOMIAL TABLES

p=.43			p=.44			p=.45		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
10	.000001	.000002	10	.000001	.000001	11	.000001	.000002
11	.000005	.000007	11	.000003	.000004	12	.000005	.000007
12	.000019	.000026	12	.000010	.000013	13	.000016	.000023
13	.000057	.000083	13	.000031	.000044	14	.000049	.000071
14	.000160	.000243	14	.000089	.000133	15	.000136	.000207
15	.000410	.000652	15	.000239	.000372	16	.000347	.000555
16	.000966	.001618	16	.000586	.000958	17	.000819	.001374
17	.002100	.003719	17	.001328	.002286	18	.001787	.003161
18	.004225	.007944	18	.002782	.005067	19	.003617	.006778
19	.007885	.015829	19	.005406	.010474	20	.006807	.013586
20	.013681	.029511	20	.009770	.020244	21	.011935	.025520
21	.022117	.051627	21	.016450	.036694	22	.019529	.045050
22	.033369	.084996	22	.025850	.062544	23	.029873	.074922
23	.047063	.132059	23	.037972	.100516	24	.042773	.117695
24	.062131	.194189	24	.052212	.152728	25	.057393	.175088
25	.076868	.271057	25	.067279	.220007	26	.072243	.247331
26	.089212	.360269	26	.081326	.301333	27	.085378	.332709
27	.097212	.457481	27	.092298	.393631	28	.094803	.427512
28	.099526	.557007	28	.098420	.492051	29	.098964	.526476
29	.099793	.652800	29	.098662	.590713	30	.097164	.623640
30	.086718	.739518	30	.093025	.683738	31	.089756	.713396
31	.073860	.813378	31	.082522	.766260	32	.078026	.791422
32	.059201	.872580	32	.068891	.835150	33	.063840	.855262
33	.044661	.917240	33	.054129	.889279	34	.049160	.904422
34	.031710	.948950	34	.040028	.929307	35	.035625	.940047
35	.021187	.970137	35	.027856	.957163	36	.024290	.964337
36	.013320	.983457	36	.018239	.975402	37	.015577	.979913
37	.007876	.991333	37	.011232	.986634	38	.009391	.989304
38	.004378	.995710	38	.006503	.993137	39	.005319	.994623
39	.002286	.997997	39	.003537	.996675	40	.002829	.997452
40	.001121	.999118	40	.001807	.998481	41	.001411	.998863
41	.000516	.999633	41	.000865	.999347	42	.000660	.999523
42	.000222	.999856	42	.000389	.999735	43	.000289	.999812
43	.000090	.999945	43	.000163	.999898	44	.000118	.999930
44	.000034	.999979	44	.000064	.999963	45	.000045	.999975
45	.000012	.999991	45	.000024	.999986	46	.000016	.999991
46	.000004	.999995	46	.000008	.999994	47	.000005	.999996
47	.000001	.999996	47	.000003	.999997	48	.000002	.999998
48	.000000	.999996	48	.000001	.999998	49	.000000	.999998
49	.000000	.999997	49	.000000	.999998			

50-100 BINOMIAL TABLES

n=
65

p=.46		
x	Individual Term	Cumulative (x or less)
11	.000001	.000001
12	.000002	.000003
13	.000008	.000011
14	.000026	.000037
15	.000075	.000113
16	.000201	.000314
17	.000493	.000807
18	.001121	.001928
19	.002361	.004289
20	.004627	.008916
21	.008446	.017361
22	.014389	.031750
23	.022915	.054665
24	.034161	.088826
25	.047724	.136550
26	.062544	.199094
27	.076957	.276051
28	.088969	.365021
29	.096696	.461716
30	.098845	.560561
31	.095066	.655627
32	.086043	.741670
33	.073296	.814966
34	.058765	.873730
35	.044338	.918068
36	.031474	.949542
37	.021014	.970557
38	.013190	.983747
39	.007779	.991526
40	.004307	.995833
41	.002237	.998070
42	.001089	.999159
43	.000496	.999656
44	.000211	.999867
45	.000084	.999951
46	.000031	.999982
47	.000011	.999993
48	.000003	.999996
49	.000001	.999997
50	.000000	.999997

p=.47		
x	Individual Term	Cumulative (x or less)
12	.000001	.000002
13	.000004	.000006
14	.000014	.000019
15	.000041	.000060
16	.000113	.000174
17	.000290	.000463
18	.000686	.001149
19	.001504	.002653
20	.003067	.005720
21	.005829	.011549
22	.010338	.021887
23	.017139	.039026
24	.026598	.065625
25	.038683	.104308
26	.052775	.157083
27	.067601	.224683
28	.081358	.306041
29	.092050	.398091
30	.097955	.496046
31	.098074	.594120
32	.092407	.686528
33	.081946	.768474
34	.068395	.836868
35	.053720	.890588
36	.039699	.930287
37	.027593	.957880
38	.018030	.975910
39	.011069	.986979
40	.006380	.993359
41	.003450	.996810
42	.001748	.998558
43	.000829	.999387
44	.000368	.999755
45	.000152	.999907
46	.000059	.999966
47	.000021	.999987
48	.000007	.999994
49	.000002	.999996
50	.000001	.999997
51	.000000	.999997

p=.48		
x	Individual Term	Cumulative (x or less)
12	.000001	.000001
13	.000002	.000003
14	.000007	.000010
15	.000022	.000031
16	.000062	.000094
17	.000166	.000260
18	.000409	.000669
19	.000934	.001603
20	.001983	.003586
21	.003923	.007509
22	.007242	.014751
23	.012498	.027249
24	.020189	.047439
25	.030563	.078002
26	.043404	.121406
27	.057872	.179277
28	.072498	.251776
29	.085383	.337159
30	.094578	.431737
31	.098567	.530304
32	.096672	.626976
33	.089236	.716212
34	.077526	.793738
35	.063384	.857121
36	.048757	.905878
37	.035275	.941153
38	.023993	.965146
39	.015333	.980479
40	.009200	.989679
41	.005178	.994857
42	.002731	.997588
43	.001349	.998936
44	.000622	.999559
45	.000268	.999827
46	.000108	.999935
47	.000040	.999975
48	.000014	.999989
49	.000004	.999993
50	.000001	.999994
51	.000000	.999995

n=
65

50-100 BINOMIAL TABLES

p=.49			p=.50		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
13	.000001	.000001	13	.000000	.000001
14	.000003	.000003	14	.000002	.000002
15	.000011	.000016	15	.000006	.000008
16	.000034	.000049	16	.000018	.000023
17	.000093	.000142	17	.000051	.000076
18	.000238	.000380	18	.000133	.000211
19	.000566	.000946	19	.000334	.000545
20	.001250	.002196	20	.000768	.001313
21	.002574	.004770	21	.001646	.002939
22	.004946	.009716	22	.003292	.006231
23	.008884	.018600	23	.006133	.012406
24	.014938	.033538	24	.010771	.023177
25	.023537	.057075	25	.017664	.040841
26	.034791	.091865	26	.027175	.068016
27	.048282	.140147	27	.039233	.107270
28	.062956	.203104	28	.053272	.160542
29	.077174	.280277	29	.067968	.228511
30	.088977	.369254	30	.081562	.310073
31	.096518	.465771	31	.092086	.402159
32	.098529	.564300	32	.097841	.500000
33	.094665	.658965	33	.097841	.597842
34	.085602	.744567	34	.092086	.689928
35	.072846	.817413	35	.081562	.771490
36	.058324	.875737	36	.067968	.839458
37	.043921	.919658	37	.053272	.892731
38	.031094	.950751	38	.039233	.931984
39	.020682	.971434	39	.027175	.959159
40	.012916	.984350	40	.017664	.976823
41	.007567	.991917	41	.010771	.987594
42	.004154	.996071	42	.006133	.993749
43	.002135	.998206	43	.003292	.997041
44	.001026	.999232	44	.001646	.998687
45	.000460	.999692	45	.000768	.999455
46	.000192	.999884	46	.000334	.999789
47	.000075	.999958	47	.000133	.999924
48	.000027	.999985	48	.000051	.999975
49	.000009	.999994	49	.000018	.999992
50	.000003	.999997	50	.000006	.999998
51	.000001	.999998	51	.000002	1.000000
52	.000000	.999998	52	.000000	1.000000

50-100 BINOMIAL TABLES

n=70

p=.01

x	Individual Term	Cumulative (x or less)
0	.494839	.494839
1	.349886	.844725
2	.121930	.966654
3	.027917	.994571
4	.004723	.999294
5	.000630	.999924
6	.000069	.999993
7	.000006	.999999
8	.000001	1.000000
9	.000000	1.000000

p=.02

x	Individual Term	Cumulative (x or less)
0	.243123	.243123
1	.347318	.590440
2	.244540	.834981
3	.113121	.948101
4	.038669	.986770
5	.010417	.997187
6	.002303	.999490
7	.000430	.999920
8	.000069	.999989
9	.000010	.999998
10	.000001	1.000000
11	.000000	1.000000

p=.03

x	Individual Term	Cumulative (x or less)
0	.118583	.118583
1	.256725	.375308
2	.273928	.649326
3	.192032	.841269
4	.099481	.940749
5	.040613	.981362
6	.013607	.994969
7	.003848	.998817
8	.000937	.999754
9	.000200	.999954
10	.000038	.999992
11	.000006	.999998
12	.000001	.999999
13	.000000	.999999

p=.04

x	Individual Term	Cumulative (x or less)
0	.057410	.057410
1	.167445	.224855
2	.240703	.465558
3	.227330	.692888
4	.158658	.851546
5	.087262	.938808
6	.039389	.978197
7	.015005	.993202
8	.004924	.998126
9	.001413	.999539
10	.000359	.999898
11	.000082	.999980
12	.000017	.999996
13	.000003	1.000000
14	.000001	1.000001
15	.000000	1.000001

p=.05

x	Individual Term	Cumulative (x or less)
0	.027584	.027584
1	.101624	.129208
2	.184528	.313736
3	.220139	.533874
4	.194070	.727944
5	.134827	.862771
6	.076875	.939646
7	.036993	.976639
8	.015332	.991971
9	.005559	.997530
10	.001785	.999315
11	.000512	.999827
12	.000133	.999960
13	.000031	.999991
14	.000007	.999998
15	.000001	.999999
16	.000000	.999999

p=.06

x	Individual Term	Cumulative (x or less)
0	.013151	.013151
1	.058759	.071909
2	.129394	.201303
3	.187208	.388511
4	.200153	.588665
5	.168640	.757305
6	.116613	.873917
7	.068054	.941971
8	.034208	.976179
9	.015042	.991221
10	.005857	.997077
11	.002039	.999116
12	.000640	.999756
13	.000182	.999938
14	.000047	.999986
15	.000011	.999997
16	.000002	1.000000
17	.000001	1.000001
18	.000000	1.000001

n=
70

50-100 BINOMIAL TABLES

p=.07			p=.08			p=.09		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
0	.006220	.006220	0	.002918	.002918	0	.001358	.001358
1	.032773	.038993	1	.017764	.020683	1	.009401	.010759
2	.085105	.124098	2	.053293	.073976	2	.032079	.042838
3	.145197	.269295	3	.105041	.179017	3	.071913	.114751
4	.183057	.452352	4	.152995	.332011	4	.119130	.233881
5	.181876	.634228	5	.175611	.507622	5	.155524	.389405
6	.148304	.782532	6	.165431	.673053	6	.166632	.556037
7	.102059	.884591	7	.131523	.804576	7	.150675	.706713
8	.060494	.945085	8	.090064	.894640	8	.117353	.824066
9	.031367	.976453	9	.053952	.948592	9	.079955	.904020
10	.014402	.990855	10	.028618	.977210	10	.048236	.952257
11	.005913	.996768	11	.013574	.990783	11	.026022	.978279
12	.002188	.998956	12	.005803	.996586	12	.012653	.990932
13	.000735	.999691	13	.002251	.998838	13	.005583	.996515
14	.000225	.999916	14	.000797	.999635	14	.002248	.998763
15	.000063	.999979	15	.000259	.999894	15	.000830	.999594
16	.000016	.999995	16	.000077	.999971	16	.000282	.999876
17	.000004	.999999	17	.000021	.999992	17	.000089	.999964
18	.000001	1.000001	18	.000005	.999998	18	.000026	.999990
19	.000000	1.000001	19	.000001	.999999	19	.000007	.999997
			20	.000000	1.000000	20	.000002	.999999
						21	.000000	.999999
						22	.000000	1.000000

50-100 BINOMIAL TABLES

n=
70

p=.10

x	Individual Term	Cumulative (x or less)
0	.000627	.000627
1	.004873	.005500
2	.018681	.024181
3	.047049	.071231
4	.087564	.158795
5	.128427	.287222
6	.154588	.441810
7	.157042	.598851
8	.137412	.736263
9	.105179	.841442
10	.071288	.912730
11	.043205	.955935
12	.023603	.979538
13	.011700	.991238
14	.005293	.996531
15	.002196	.998727
16	.000839	.999566
17	.000296	.999862
18	.000097	.999958
19	.000029	.999988
20	.000008	.999996
21	.000002	.999998
22	.000001	.999999
23	.000000	.999999

p=.11

x	Individual Term	Cumulative (x or less)
0	.000287	.000287
1	.002480	.002766
2	.010374	.013340
3	.029622	.042962
4	.061324	.104286
5	.100048	.204334
6	.133959	.338293
7	.151376	.489668
8	.147336	.637004
9	.125447	.762452
10	.094579	.857031
11	.063761	.920792
12	.038746	.959538
13	.021366	.980903
14	.010751	.991655
15	.004961	.996616
16	.002108	.998723
17	.000827	.999551
18	.000301	.999852
19	.000102	.999954
20	.000032	.999986
21	.000009	.999995
22	.000003	.999998
23	.000001	.999999
24	.000000	.999999

p=.12

x	Individual Term	Cumulative (x or less)
0	.000130	.000130
1	.001240	.001370
2	.005836	.007206
3	.018038	.025244
4	.041200	.066445
5	.074161	.140605
6	.109555	.250161
7	.136589	.386749
8	.146677	.533427
9	.137788	.671214
10	.114615	.785829
11	.085250	.871079
12	.057157	.928236
13	.034774	.963009
14	.019306	.982316
15	.009829	.992144
16	.004607	.996751
17	.001996	.998747
18	.000801	.999548
19	.000299	.999847
20	.000104	.999951
21	.000034	.999985
22	.000010	.999995
23	.000003	.999998
24	.000001	.999999
25	.000000	.999999

n=
70

50-100 BINOMIAL TABLES

p=.13			p=.14			p=.15		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
0	.000058	.000058	0	.000026	.000026	0	.000011	.000011
1	.000611	.000669	1	.000296	.000322	1	.000142	.000153
2	.003149	.003818	2	.001664	.001986	2	.000862	.001015
3	.010664	.014482	3	.006139	.008125	3	.003449	.004464
4	.026691	.041173	4	.016739	.024864	4	.010194	.014658
5	.052646	.093818	5	.035969	.060833	5	.023745	.038403
6	.085221	.179039	6	.063434	.124267	6	.045396	.083799
7	.116427	.295466	7	.094414	.218681	7	.073243	.157042
8	.137002	.432469	8	.121036	.339718	8	.101787	.258829
9	.141027	.573495	9	.135736	.475454	9	.123741	.382569
10	.128545	.702040	10	.134789	.610242	10	.133203	.515772
11	.104770	.806810	11	.119686	.729928	11	.128217	.643989
12	.076972	.883782	12	.095795	.825723	12	.111247	.755236
13	.051315	.935097	13	.069576	.895299	13	.087588	.842824
14	.031218	.966315	14	.046114	.941413	14	.062931	.905755
15	.017415	.983731	15	.028026	.969439	15	.041460	.947216
16	.008945	.992676	16	.015683	.985122	16	.025151	.972366
17	.004246	.996922	17	.008110	.993232	17	.014098	.986465
18	.001868	.998790	18	.003887	.997119	18	.007326	.993790
19	.000764	.999554	19	.001732	.998851	19	.003538	.997328
20	.000291	.999845	20	.000719	.999570	20	.001592	.998920
21	.000104	.999949	21	.000279	.999848	21	.000669	.999589
22	.000034	.999983	22	.000101	.999949	22	.000263	.999852
23	.000011	.999994	23	.000034	.999984	23	.000097	.999949
24	.000003	.999997	24	.000011	.999994	24	.000033	.999983
25	.000001	.999998	25	.000003	.999998	25	.000011	.999993
26	.000000	.999998	26	.000001	.999999	26	.000003	.999997
			27	.000000	.999999	27	.000001	.999998
						28	.000000	.999998

50-100 BINOMIAL TABLES

n=
70

p=.16			p=.17			p=.18		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
0	.000005	.000005	0	.000002	.000002	0	.000001	.000001
1	.000067	.000072	1	.000031	.000033	1	.000014	.000015
2	.000439	.000510	2	.000219	.000253	2	.000108	.000123
3	.001894	.002404	3	.001018	.001271	3	.000537	.000660
4	.006043	.008447	4	.003494	.004764	4	.001973	.002633
5	.015193	.023640	5	.009445	.014210	5	.005717	.008349
6	.031351	.054991	6	.020958	.035168	6	.013595	.021944
7	.054597	.109589	7	.039246	.074414	7	.027285	.049229
8	.081896	.191485	8	.063302	.137716	8	.047166	.096395
9	.107462	.298946	9	.089318	.227035	9	.071324	.167719
10	.124860	.423806	10	.111594	.338629	10	.095504	.263223
11	.129725	.553531	11	.124673	.463302	11	.114351	.377574
12	.121488	.675019	12	.125549	.588850	12	.123415	.500989
13	.103243	.778261	13	.114727	.703578	13	.120868	.621857
14	.080066	.858327	14	.095.672	.799250	14	.108023	.729881
15	.056936	.915263	15	.073156	.872406	15	.088526	.818407
16	.037279	.952542	16	.051507	.923913	16	.066800	.885207
17	.022556	.975098	17	.033511	.957424	17	.046578	.931785
18	.012650	.987748	18	.020210	.977633	18	.030105	.961890
19	.006595	.994342	19	.011329	.988962	19	.018086	.979976
20	.003203	.997545	20	.005917	.994878	20	.010124	.990100
21	.001453	.998998	21	.002885	.997764	21	.005291	.995391
22	.000616	.999614	22	.001316	.999080	22	.002587	.997978
23	.000245	.999859	23	.000563	.999643	23	.001185	.999163
24	.000091	.999951	24	.000226	.999868	24	.000509	.999673
25	.000032	.999983	25	.000085	.999954	25	.000206	.999879
26	.000011	.999993	26	.000030	.999984	26	.000078	.999957
27	.000003	.999997	27	.000010	.999994	27	.000028	.999985
28	.000001	.999998	28	.000003	.999997	28	.000009	.999994
29	.000000	.999998	29	.000001	.999998	29	.000003	.999997
			30	.000000	.999998	30	.000001	.999998
						31	.000000	.999998

n=
70

50-100 BINOMIAL TABLES

p=.19			p=.20			p=.21		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
1	.000006	.000007	1	.000003	.000003	1	.000001	.000001
2	.000052	.000059	2	.000025	.000028	2	.000012	.000013
3	.000277	.000336	3	.000141	.000169	3	.000070	.000083
4	.001090	.001426	4	.000589	.000758	4	.000312	.000395
5	.003374	.004801	5	.001945	.002703	5	.001096	.001491
6	.008575	.013375	6	.005267	.007970	6	.003156	.004647
7	.018389	.031765	7	.012040	.020010	7	.007670	.012317
8	.033969	.065734	8	.023703	.043713	8	.016055	.028372
9	.054892	.120626	9	.040822	.084555	9	.029401	.057773
10	.078542	.199168	10	.062254	.146789	10	.047674	.105448
11	.100492	.299660	11	.084892	.231681	11	.069125	.174573
12	.115897	.415556	12	.104346	.336027	12	.090344	.264917
13	.121290	.536846	13	.116386	.452413	13	.107146	.372062
14	.115835	.652681	14	.118464	.570877	14	.115962	.488024
15	.101439	.754120	15	.110567	.681444	15	.115081	.603105
16	.081793	.835912	16	.095018	.776462	16	.105157	.708262
17	.060944	.896856	17	.075456	.851917	17	.088792	.797054
18	.042092	.938948	18	.055544	.907461	18	.069498	.866552
19	.027022	.965971	19	.038004	.945465	19	.050561	.917112
20	.016163	.982134	20	.024227	.969692	20	.034272	.951385
21	.009027	.991161	21	.014421	.984113	21	.021691	.973076
22	.004716	.995877	22	.008030	.992143	22	.012843	.985919
23	.002309	.998186	23	.004190	.996332	23	.007125	.993043
24	.001061	.999246	24	.002051	.998384	24	.003709	.996752
25	.000458	.999704	25	.000944	.999327	25	.001814	.998566
26	.000186	.999890	26	.000408	.999735	26	.000835	.999401
27	.000071	.999961	27	.000166	.999902	27	.000362	.999762
28	.000026	.999986	28	.000064	.999965	28	.000148	.999910
29	.000009	.999995	29	.000023	.999989	29	.000057	.999966
30	.000003	.999998	30	.000008	.999996	30	.000021	.999987
31	.000001	.999999	31	.000003	.999999	31	.000007	.999994
32	.000000	.999999	32	.000001	1.000000	32	.000002	.999996
			33	.000000	1.000000	33	.000001	.999997
						34	.000000	.999997

50-100 BINOMIAL TABLES

n=
70

p=.22			p=.23			p=.24		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
1	.000001	.000001	2	.000002	.000003	2	.000001	.000001
2	.000005	.000006	3	.000017	.000019	3	.000008	.000009
3	.000034	.000040	4	.000083	.000102	4	.000041	.000050
4	.000162	.000203						
5	.000604	.000807	5	.000326	.000428	5	.000173	.000223
6	.001846	.002653	6	.001055	.001484	6	.000590	.000813
7	.004761	.007413	7	.002882	.004366	7	.001704	.002517
8	.010574	.017987	8	.006780	.011146	8	.004238	.006735
9	.020545	.038533	9	.013952	.025098	9	.009219	.015973
10	.035348	.073881	10	.025421	.050518	10	.017758	.033731
11	.054382	.128263	11	.041417	.091936	11	.030588	.064319
12	.075415	.203678	12	.060826	.152762	12	.047492	.111811
13	.094900	.298578	13	.081061	.233823	13	.066912	.178723
14	.108979	.407558	14	.098582	.332405	14	.086029	.264752
15	.114754	.522312	15	.109934	.442339	15	.101424	.366176
16	.111260	.633572	16	.112878	.555217	16	.110098	.476274
17	.099681	.733253	17	.107101	.662318	17	.110439	.586713
18	.082783	.816036	18	.094196	.756514	18	.102689	.689402
19	.063903	.879939	19	.077005	.833519	19	.088751	.778153
20	.045961	.925900	20	.058654	.892173	20	.071468	.849620
21	.030865	.956765	21	.041714	.933887	21	.053735	.903355
22	.019390	.976155	22	.027752	.961639	22	.037794	.941150
23	.011413	.987568	23	.017300	.978939	23	.024908	.966058
24	.006304	.993872	24	.010120	.989059	24	.015404	.981461
25	.003272	.997144	25	.005562	.994621	25	.008950	.990411
26	.001597	.998741	26	.002875	.997496	26	.004892	.995303
27	.000734	.999475	27	.001400	.998896	27	.002517	.997821
28	.000318	.999793	28	.000642	.999538	28	.001221	.999042
29	.000130	.999923	29	.000278	.999816	29	.000558	.999600
30	.000050	.999973	30	.000113	.999929	30	.000241	.999841
31	.000018	.999991	31	.000044	.999973	31	.000098	.999939
32	.000006	.999998	32	.000016	.999989	32	.000038	.999977
33	.000002	1.000000	33	.000005	.999994	33	.000014	.999991
34	.000001	1.000001	34	.000002	.999996	34	.000005	.999996
35	.000000	1.000001	35	.000001	.999997	35	.000002	.999997
			36	.000000	.999997	36	.000000	.999998

n=
70

50-100 BINOMIAL TABLES

p=.25			p=.26			p=.27		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
2	.000000	.000001	2	.000000	.000000	3	.000001	.000001
3	.000004	.000004	3	.000002	.000002	4	.000005	.000005
4	.000020	.000024	4	.000010	.000012			
5	.000089	.000114	5	.000045	.000057	5	.000023	.000028
6	.000323	.000437	6	.000173	.000230	6	.000091	.000119
7	.000984	.001421	7	.000556	.000786	7	.000307	.000426
8	.002384	.004005	8	.001539	.002325	8	.000895	.001322
9	.005934	.009939	9	.003724	.006049	9	.002281	.003602
10	.012065	.022005	10	.007982	.014031	10	.005146	.008749
11	.021937	.043942	11	.015297	.029328	11	.010382	.019130
12	.035953	.079894	12	.026425	.055753	12	.018879	.038010
13	.053468	.133362	13	.041423	.097176	13	.031154	.069164
14	.072564	.205926	14	.059256	.156432	14	.046914	.116077
15	.090301	.296227	15	.077726	.234158	15	.064779	.180857
16	.103470	.399697	16	.093876	.328034	16	.082361	.263218
17	.109557	.509254	17	.104771	.432805	17	.096762	.359980
18	.107528	.616781	18	.108389	.541193	18	.105378	.465358
19	.098096	.714877	19	.104226	.645419	19	.106670	.572028
20	.083381	.798258	20	.093381	.738800	20	.100606	.672634
21	.066176	.864434	21	.078118	.816918	21	.088596	.761230
22	.049130	.913564	22	.061131	.878049	22	.072984	.834214
23	.034178	.947742	23	.044825	.922874	23	.056336	.890350
24	.022310	.970052	24	.030842	.953716	24	.040805	.931354
25	.013684	.983736	25	.019939	.973655	25	.027770	.959124
26	.007894	.991630	26	.012125	.985781	26	.017777	.976900
27	.004288	.995918	27	.006943	.992723	27	.010715	.987615
28	.002195	.998114	28	.003746	.996469	28	.006086	.993701
29	.001060	.999173	29	.001906	.998375	29	.003260	.996961
30	.000483	.999656	30	.000915	.999291	30	.001648	.998609
31	.000208	.999864	31	.000415	.999706	31	.000786	.999395
32	.000084	.999948	32	.000178	.999883	32	.000355	.999750
33	.000032	.999981	33	.000072	.999955	33	.000151	.999901
34	.000012	.999992	34	.000027	.999983	34	.000061	.999962
35	.000004	.999996	35	.000010	.999993	35	.000023	.999985
36	.000001	.999998	36	.000003	.999996	36	.000008	.999993
37	.000000	.999998	37	.000001	.999997	37	.000003	.999996
			38	.000000	.999997	38	.000001	.999997
						39	.000000	.999997

50-100 BINOMIAL TABLES

n=
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p=.28			p=.29			p=.30		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
3	.000000	.000000	4	.000001	.000001	4	.000000	.000001
4	.000002	.000003	5	.000005	.000006	5	.000003	.000003
5	.000011	.000014	6	.000024	.000030	6	.000012	.000015
6	.000047	.000060	7	.000088	.000118	7	.000046	.000060
7	.000166	.000227	8	.000283	.000401	8	.000154	.000215
8	.000509	.000736	9	.000797	.001198	9	.000455	.000670
9	.001364	.002100	10	.001986	.003184	10	.001190	.001860
10	.003236	.005336	11	.004424	.007609	11	.002782	.004642
11	.006864	.012200	12	.008885	.016494	12	.005862	.010504
12	.013124	.025324	13	.016191	.032685	13	.011208	.021712
13	.022771	.048096	14	.026926	.059610	14	.019558	.041270
14	.036055	.084150	15	.041058	.100669	15	.031292	.072562
15	.052346	.136496	16	.057648	.158317	16	.046100	.118662
16	.069976	.206472	17	.074794	.233112	17	.062758	.181420
17	.086441	.292913	18	.089952	.323064	18	.079195	.260614
18	.098980	.391894	19	.100555	.423618	19	.092890	.353504
19	.105348	.497241	20	.104732	.528351	20	.101515	.455020
20	.104470	.601711	21	.101852	.630203	21	.103587	.558607
21	.096731	.698442	22	.092658	.722861	22	.098879	.657485
22	.083785	.782227	23	.078984	.801845	23	.088438	.745923
23	.067999	.850226	24	.063178	.865023	24	.074225	.820148
24	.051786	.902013	25	.047481	.912504	25	.058531	.878679
25	.037056	.939069	26	.033566	.946070	26	.043416	.922095
26	.024942	.964011	27	.022342	.968412	27	.030322	.952418
27	.015807	.979817	28	.014015	.982427	28	.019957	.972375
28	.009440	.989257	29	.008290	.990717	29	.012387	.984762
29	.005317	.994574	30	.004628	.995345	30	.007255	.992017
30	.002826	.997400	31	.002439	.997784	31	.004012	.996030
31	.001418	.998818	32	.001214	.998998	32	.002096	.998125
32	.000672	.999490	33	.000571	.999569	33	.001034	.999159
33	.000301	.999791	34	.000254	.999823	34	.000482	.999642
34	.000127	.999918	35	.000107	.999929	35	.000213	.999854
35	.000051	.999969	36	.000042	.999972	36	.000089	.999943
36	.000019	.999989	37	.000016	.999988	37	.000035	.999978
37	.000007	.999995	38	.000006	.999993	38	.000013	.999991
38	.000002	.999998	39	.000002	.999995	39	.000005	.999995
39	.000001	.999998	40	.000001	.999996	40	.000002	.999997
40	.000000	.999999	41	.000000	.999996	41	.000000	.999997

p=.31			p=.32			p=.33		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
5	.000001	.000001	5	.000001	.000001	6	.000001	.000002
6	.000006	.000007	6	.000003	.000003	7	.000006	.000007
7	.000023	.000030	7	.000012	.000015	8	.000022	.000029
8	.000082	.000112	8	.000043	.000058	9	.000074	.000103
9	.000254	.000367	9	.000139	.000197			
10	.000697	.001063	10	.000399	.000595	10	.000223	.000326
11	.001707	.002771	11	.001023	.001618	11	.000599	.000925
12	.003771	.006542	12	.002367	.003985	12	.001450	.002375
13	.007559	.014101	13	.004970	.008955	13	.003187	.005562
14	.013827	.027928	14	.009522	.018477	14	.006390	.011952
15	.023193	.051121	15	.016729	.035206	15	.011750	.023702
16	.035818	.086939	16	.027061	.062267	16	.019894	.043596
17	.051117	.138056	17	.040451	.102718	17	.031125	.074722
18	.067620	.205676	18	.056050	.158769	18	.045139	.119861
19	.083146	.288822	19	.072189	.230957	19	.060848	.180709
20	.095256	.384078	20	.086626	.317584	20	.076423	.257132
21	.101896	.485974	21	.097060	.416644	21	.089622	.346754
22	.101963	.587937	22	.101732	.516375	22	.098317	.445070
23	.095602	.683539	23	.099910	.616286	23	.101060	.546130
24	.084114	.767653	24	.092074	.708360	24	.097478	.643608
25	.069534	.837187	25	.079725	.788085	25	.088341	.731949
26	.054069	.891256	26	.064935	.853020	26	.075308	.807257
27	.039587	.930843	27	.049797	.902817	27	.060446	.867703
28	.027313	.958156	28	.035988	.938805	28	.045721	.913424
29	.017772	.975928	29	.024527	.963333	29	.032614	.946038
30	.010912	.986840	30	.015774	.979107	30	.021954	.967992
31	.006326	.993166	31	.009578	.988686	31	.013952	.981944
32	.003464	.996630	32	.005494	.994179	32	.008375	.990320
33	.001792	.998422	33	.002977	.997156	33	.004750	.995070
34	.000876	.999298	34	.001524	.998681	34	.002546	.997616
35	.000405	.999703	35	.000738	.999419	35	.001290	.998906
36	.000177	.999880	36	.000338	.999756	36	.000618	.999524
37	.000073	.999953	37	.000146	.999902	37	.000280	.999803
38	.000028	.999981	38	.000060	.999962	38	.000120	.999923
39	.000011	.999992	39	.000023	.999985	39	.000048	.999971
40	.000004	.999995	40	.000008	.999993	40	.000018	.999990
41	.000001	.999996	41	.000003	.999996	41	.000007	.999996
42	.000000	.999997	42	.000001	.999997	42	.000002	.999998
			43	.000000	.999997	43	.000001	.999999
						44	.000000	.999999

50-100 BINOMIAL TABLES

n=
70

p=.34

x	Individual Term	Cumulative (x or less)
6	.000001	.000001
7	.000003	.000003
8	.000011	.000014
9	.000039	.000053
10	.000122	.000175
11	.000342	.000517
12	.000867	.001385
13	.001993	.003378
14	.004181	.007559
15	.008041	.015601
16	.014240	.029840
17	.023301	.053142
18	.035344	.088486
19	.049832	.138318
20	.065461	.203778
21	.080291	.284069
22	.092124	.376193
23	.099043	.475236
24	.099918	.575153
25	.094710	.669864
26	.084444	.754308
27	.070892	.825199
28	.056084	.881283
29	.041843	.923127
30	.029459	.952586
31	.019582	.972168
32	.012294	.984463
33	.007293	.991756
34	.004089	.995844
35	.002166	.998011
36	.001085	.999096
37	.000514	.999609
38	.000230	.999839
39	.000097	.999936
40	.000039	.999975
41	.000015	.999989
42	.000005	.999995
43	.000002	.999996
44	.000001	.999997
45	.000000	.999997

p=.35

x	Individual Term	Cumulative (x or less)
7	.000001	.000002
8	.000005	.000007
9	.000020	.000027
10	.000065	.000092
11	.000191	.000283
12	.000507	.000790
13	.001217	.002007
14	.002668	.004675
15	.005364	.010039
16	.009928	.019967
17	.016982	.036949
18	.026924	.063873
19	.039677	.103550
20	.054479	.158029
21	.069845	.227875
22	.083766	.311640
23	.094131	.405772
24	.099260	.505032
25	.098344	.603376
26	.091652	.695028
27	.080424	.775452
28	.066504	.841957
29	.051863	.893819
30	.038166	.931985
31	.026517	.958502
32	.017402	.975904
33	.010790	.986694
34	.006323	.993017
35	.003502	.996519
36	.001833	.998352
37	.000907	.999259
38	.000424	.999683
39	.000187	.999871
40	.000078	.999949
41	.000031	.999980
42	.000011	.999991
43	.000004	.999995
44	.000001	.999996
45	.000000	.999997

p=.36

x	Individual Term	Cumulative (x or less)
7	.000001	.000001
8	.000003	.000003
9	.000010	.000013
10	.000034	.000047
11	.000105	.000152
12	.000289	.000441
13	.000725	.001166
14	.001661	.002827
15	.003489	.006316
16	.006746	.013062
17	.012053	.025115
18	.019963	.045077
19	.030732	.075809
20	.044081	.119891
21	.059037	.178928
22	.073904	.252892
23	.088828	.339720
24	.095646	.435366
25	.098994	.534360
26	.096376	.630736
27	.088345	.719080
28	.076316	.795396
29	.062171	.857567
30	.047794	.905361
31	.034689	.940050
32	.023781	.963831
33	.015404	.979235
34	.009429	.988664
35	.005455	.994119
36	.002983	.997102
37	.001542	.998645
38	.000753	.999398
39	.000348	.999746
40	.000152	.999897
41	.000062	.999960
42	.000024	.999984
43	.000009	.999993
44	.000003	.999996
45	.000001	.999997
46	.000000	.999997

n=
70

50-100 BINOMIAL TABLES

p=.37			p=.38			p=.39		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
8	.000001	.000002	8	.000001	.000001	9	.000001	.000001
9	.000005	.000006	9	.000002	.000003	10	.000004	.000006
10	.000017	.000024	10	.000009	.000012	11	.000015	.000020
11	.000056	.000080	11	.000029	.000041	12	.000047	.000067
12	.000161	.000241	12	.000088	.000129	13	.000133	.000200
13	.000422	.000663	13	.000240	.000368	14	.000346	.000547
14	.001009	.001672	14	.000598	.000967	15	.000827	.001373
15	.002213	.003885	15	.001369	.002336	16	.001817	.003190
16	.004468	.008353	16	.002885	.005221	17	.003690	.006880
17	.008335	.016687	17	.005617	.010838	18	.006946	.013826
18	.014413	.031100	18	.010137	.020975	19	.012154	.025979
19	.023167	.054267	19	.017003	.037978	20	.019815	.045794
20	.034695	.088962	20	.026574	.064552	21	.030163	.075957
21	.048515	.137477	21	.038780	.103332	22	.042952	.118909
22	.063462	.200939	22	.052938	.156270	23	.057310	.176219
23	.077783	.278723	23	.067713	.223983	24	.071755	.247974
24	.089461	.368184	24	.081274	.305258	25	.084412	.332386
25	.096675	.464859	25	.091656	.396914	26	.093407	.425792
26	.098268	.563127	26	.097229	.494143	27	.097320	.523112
27	.094051	.657178	27	.097112	.591255	28	.095553	.618666
28	.084827	.742006	28	.091407	.682662	29	.088477	.707143
29	.072152	.814157	29	.081137	.763799	30	.077309	.784452
30	.057912	.872070	30	.067963	.831762	31	.063777	.848229
31	.043887	.915956	31	.053748	.885511	32	.049695	.897924
32	.031413	.947369	32	.040149	.925659	33	.036586	.934510
33	.021244	.968613	33	.028336	.953995	34	.025455	.959965
34	.013578	.982191	34	.018899	.972895	35	.016740	.976705
35	.008202	.990393	35	.011914	.984809	36	.010405	.987110
36	.004683	.995076	36	.007100	.991909	37	.006113	.993223
37	.002527	.997604	37	.003999	.995907	38	.003394	.996617
38	.001289	.998893	38	.002128	.998035	39	.001780	.998397
39	.000621	.999514	39	.001070	.999106	40	.000882	.999280
40	.000283	.999797	40	.000508	.999614	41	.000413	.999692
41	.000122	.999918	41	.000228	.999842	42	.000182	.999875
42	.000049	.999967	42	.000096	.999933	43	.000076	.999950
43	.000019	.999986	43	.000039	.999977	44	.000030	.999980
44	.000007	.999993	44	.000014	.999992	45	.000011	.999991
45	.000002	.999995	45	.000005	.999997	46	.000004	.999995
46	.000001	.999996	46	.000002	.999998	47	.000001	.999996
47	.000000	.999996	47	.000001	.999999	48	.000000	.999997
			48	.000000	.999999			

50-100 BINOMIAL TABLES

n=
70

p=.40			p=.41			p=.42		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
9	.000000	.000001	10	.000001	.000001	10	.000000	.000001
10	.000002	.000003	11	.000004	.000005	11	.000002	.000002
11	.000007	.000010	12	.000012	.000017	12	.000006	.000008
12	.000024	.000034	13	.000038	.000055	13	.000020	.000028
13	.000072	.000106	14	.000108	.000163	14	.000058	.000086
14	.000196	.000302	15	.000280	.000443	15	.000157	.000243
15	.000487	.000789	16	.000668	.001111	16	.000390	.000633
16	.001116	.001905	17	.001475	.002587	17	.000898	.001531
17	.002363	.004268	18	.003019	.005605	18	.001915	.003446
18	.004638	.008906	19	.005741	.011347	19	.003795	.007242
19	.008463	.017369	20	.010174	.021520	20	.007008	.014250
20	.014387	.031756	21	.016833	.038354	21	.012083	.026332
21	.022836	.054592	22	.026054	.064407	22	.019488	.045820
22	.033909	.088501	23	.037785	.102192	23	.029451	.075270
23	.047177	.135678	24	.051420	.153612	24	.041764	.117034
24	.061592	.197270	25	.065748	.219360	25	.055647	.172681
25	.075553	.272823	26	.079078	.298438	26	.069743	.242424
26	.087177	.360000	27	.089552	.387990	27	.082302	.324726
27	.094711	.454710	28	.095569	.483559	28	.091525	.416251
28	.096966	.551676	29	.096183	.579742	29	.095987	.512239
29	.093622	.645298	30	.091347	.671089	30	.094995	.607233
30	.085300	.730598	31	.081908	.752997	31	.083760	.695993
31	.073376	.803974	32	.069370	.822367	32	.078335	.774328
32	.059618	.863592	33	.055510	.877877	33	.065320	.839648
33	.045768	.909360	34	.041979	.919856	34	.051474	.891122
34	.033204	.942564	35	.030005	.949861	35	.038339	.929461
35	.022768	.965332	36	.020272	.970132	36	.026992	.956453
36	.014757	.980089	37	.012945	.983077	37	.017961	.974414
37	.009040	.989130	38	.007812	.990889	38	.011295	.985709
38	.005234	.994364	39	.004454	.995344	39	.006711	.992420
39	.002863	.997227	40	.002399	.997743	40	.003766	.996186
40	.001479	.998706	41	.001220	.998962	41	.001996	.998182
41	.000722	.999428	42	.000585	.999548	42	.000998	.999180
42	.000332	.999760	43	.000265	.999812	43	.000470	.999650
43	.000144	.999904	44	.000113	.999925	44	.000209	.999859
44	.000059	.999963	45	.000045	.999971	45	.000087	.999947
45	.000023	.999986	46	.000017	.999988	46	.000034	.999981
46	.000008	.999994	47	.000006	.999994	47	.000013	.999994
47	.000003	.999997	48	.000002	.999996	48	.000004	.999998
48	.000001	.999998	49	.000001	.999996	49	.000001	1.000000
49	.000000	.999998	50	.000000	.999997	50	.000000	1.000001

n=70

50-100 BINOMIAL TABLES

p=.43			p=.44			p=.45		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
11	.000001	.000001	11	.000000	.000000	12	.000001	.000001
12	.000003	.000004	12	.000001	.000002	13	.000002	.000003
13	.000010	.000014	13	.000005	.000007	14	.000008	.000011
14	.000030	.000064	14	.000016	.000022			
15	.000086	.000130	15	.000046	.000068	15	.000024	.000035
16	.000222	.000353	16	.000124	.000192	16	.000067	.000102
17	.000533	.000886	17	.000308	.000500	17	.000174	.000276
18	.001184	.002070	18	.000713	.001213	18	.000419	.000694
19	.002444	.004514	19	.001534	.002748	19	.000938	.001632
20	.004702	.009216	20	.003074	.005821	20	.001957	.003589
21	.008446	.017663	21	.005750	.011571	21	.003812	.007402
22	.014191	.031854	22	.010063	.021634	22	.006947	.014349
23	.022343	.054197	23	.016500	.038134	23	.011863	.026212
24	.033008	.087204	24	.025389	.063523	24	.019007	.045218
25	.045817	.133021	25	.036705	.100228	25	.028614	.073833
26	.059822	.192843	26	.049915	.150143	26	.040520	.114353
27	.073543	.266386	27	.063912	.214054	27	.054027	.168379
28	.085201	.351586	28	.077118	.291173	28	.067884	.236263
29	.093087	.444673	29	.087755	.378928	29	.080440	.316703
30	.095972	.540646	30	.094232	.473160	30	.089946	.406649
31	.093419	.634065	31	.095535	.568695	31	.094958	.501607
32	.085891	.719956	32	.091483	.660178	32	.094688	.596295
33	.074612	.794568	33	.082771	.742949	33	.089210	.685505
34	.061253	.855820	34	.070772	.813722	34	.079430	.764935
35	.047528	.903349	35	.057196	.870917	35	.066845	.831780
36	.034859	.938208	36	.043691	.914608	36	.053172	.884953
37	.024165	.962372	37	.031545	.946154	37	.039977	.924930
38	.015831	.978203	38	.021524	.967678	38	.028405	.953335
39	.009799	.988002	39	.013876	.981554	39	.019069	.972404
40	.005729	.993731	40	.008450	.990004	40	.012091	.984495
41	.003162	.996894	41	.004858	.994862	41	.007239	.991734
42	.001647	.998541	42	.002635	.997498	42	.004089	.995824
43	.000809	.999350	43	.001348	.998846	43	.002179	.998002
44	.000375	.999725	44	.000650	.999496	44	.001094	.999096
45	.000163	.999888	45	.000295	.999791	45	.000517	.999613
46	.000067	.999955	46	.000126	.999917	46	.000230	.999843
47	.000026	.999981	47	.000051	.999968	47	.000096	.999939
48	.000009	.999990	48	.000019	.999987	48	.000038	.999977
49	.000003	.999993	49	.000007	.999993	49	.000014	.999991
50	.000001	.999994	50	.000002	.999996	50	.000005	.999996
51	.000000	.999995	51	.000001	.999996	51	.000002	.999997
			52	.000000	.999997	52	.000000	.999998

50-100 BINOMIAL TABLES

n=
70

p=.46

x	Individual Term	Cumulative (x or less)
12	.000000	.000000
13	.000001	.000001
14	.000004	.000005
15	.000012	.000017
16	.000035	.000053
17	.000096	.000148
18	.000240	.000388
19	.000559	.000946
20	.001214	.002160
21	.002461	.004621
22	.004670	.009291
23	.008302	.017593
24	.013849	.031442
25	.021708	.053150
26	.032005	.085155
27	.044429	.129584
28	.058122	.187706
29	.071706	.259412
30	.083480	.342893
31	.091759	.434651
32	.095263	.529914
33	.093446	.623360
34	.086625	.709985
35	.075900	.785885
36	.062860	.848745
37	.049206	.897951
38	.036401	.934351
39	.025442	.959794
40	.016797	.976591
41	.010470	.987060
42	.006158	.993218
43	.003416	.996634
44	.001786	.998419
45	.000879	.999298
46	.000407	.999705
47	.000177	.999882
48	.000072	.999954
49	.000028	.999982
50	.000010	.999992
51	.000003	.999995
52	.000001	.999996
53	.000000	.999996

p=.47

x	Individual Term	Cumulative (x or less)
13	.000000	.000001
14	.000002	.000002
15	.000006	.000008
16	.000018	.000027
17	.000051	.000078
18	.000134	.000211
19	.000324	.000535
20	.000733	.001268
21	.001547	.002815
22	.003056	.005871
23	.005655	.011526
24	.009821	.021348
25	.016025	.037373
26	.024596	.061969
27	.035545	.097514
28	.048407	.145922
29	.062171	.208092
30	.075348	.283440
31	.086216	.369656
32	.093181	.462837
33	.095152	.557989
34	.091825	.649814
35	.083757	.733571
36	.072211	.805782
37	.058844	.864627
38	.045317	.909944
39	.032974	.942917
40	.022662	.965579
41	.014704	.980283
42	.009004	.989287
43	.005199	.994486
44	.002829	.997315
45	.001450	.998765
46	.000699	.999463
47	.000316	.999780
48	.000134	.999914
49	.000054	.999968
50	.000020	.999987
51	.000007	.999994
52	.000002	.999997
53	.000001	.999997
54	.000000	.999997

p=.48

x	Individual Term	Cumulative (x or less)
13	.000000	.000000
14	.000001	.000001
15	.000003	.000004
16	.000009	.000013
17	.000027	.000040
18	.000072	.000112
19	.000183	.000295
20	.000431	.000726
21	.000947	.001673
22	.001946	.003619
23	.003749	.007368
24	.006778	.014146
25	.011511	.025657
26	.018391	.044048
27	.027665	.071713
28	.039218	.110931
29	.052429	.163359
30	.066141	.229500
31	.078778	.308278
32	.088625	.396904
33	.094203	.491107
34	.094630	.585737
35	.089846	.675583
36	.080631	.756214
37	.068394	.824608
38	.054826	.879434
39	.041525	.920959
40	.029706	.950665
41	.020064	.970729
42	.012788	.983517
43	.007687	.991204
44	.004354	.995558
45	.002322	.997880
46	.001165	.999045
47	.000549	.999594
48	.000243	.999837
49	.000101	.999938
50	.000039	.999977
51	.000014	.999991
52	.000005	.999996
53	.000001	.999997
54	.000000	.999998

n=
70

50-100 BINOMIAL TABLES

p=.49			p=.50		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
15	.000001	.000002	15	.000001	.000001
16	.000004	.000006	16	.000002	.000003
17	.000014	.000020	17	.000007	.000010
18	.000038	.000058	18	.000020	.000029
19	.000101	.000159	19	.000054	.000083
20	.000246	.000405	20	.000137	.000220
21	.000564	.000969	21	.000326	.000547
22	.001206	.002175	22	.000727	.001274
23	.002419	.004593	23	.001518	.002791
24	.004551	.009144	24	.002971	.005763
25	.008045	.017189	25	.005468	.011231
26	.013377	.030566	26	.009464	.020696
27	.020945	.051511	27	.015423	.036119
28	.030905	.082416	28	.023686	.059805
29	.043003	.125419	29	.034303	.094108
30	.056466	.181885	30	.046881	.140990
31	.070002	.251887	31	.060492	.201482
32	.081970	.333856	32	.073725	.275206
33	.090688	.424544	33	.084895	.360101
34	.094819	.519363	34	.092386	.452487
35	.093704	.613067	35	.095025	.547513
36	.087528	.700595	36	.092386	.639899
37	.077277	.777872	37	.084895	.724794
38	.064477	.842349	38	.073725	.798518
39	.050830	.893179	39	.060492	.859010
40	.037848	.931027	40	.046881	.905892
41	.026608	.957635	41	.034303	.940195
42	.017652	.975287	42	.023686	.963881
43	.011043	.986330	43	.015423	.979304
44	.006511	.992841	44	.009464	.988768
45	.003614	.996455	45	.005468	.994237
46	.001887	.998342	46	.002972	.997208
47	.000926	.999268	47	.001518	.998726
48	.000426	.999695	48	.000727	.999453
49	.000184	.999879	49	.000326	.999780
50	.000074	.999953	50	.000137	.999917
51	.000028	.999981	51	.000054	.999971
52	.000010	.999991	52	.000020	.999990
53	.000003	.999994	53	.000007	.999997
54	.000001	.999995	54	.000002	.999999
55	.000000	.999995	55	.000001	1.000000
			56	.000000	1.000000

50-100 BINOMIAL TABLES

n=
75

p=.01

x	Individual Term	Cumulative (x or less)
0	.470587	.470587
1	.356505	.827092
2	.133239	.960331
3	.032749	.993080
4	.005954	.999035
5	.000854	.999889
6	.000101	.999989
7	.000010	.999999
8	.000001	1.000001
9	.000000	1.000001

p=.02

x	Individual Term	Cumulative (x or less)
0	.219764	.219764
1	.336373	.556136
2	.253996	.810132
3	.126134	.936266
4	.046335	.982601
5	.013428	.996029
6	.003197	.999226
7	.000643	.999869
8	.000112	.999981
9	.000017	.999998
10	.000002	1.000000
11	.000000	1.000001

p=.03

x	Individual Term	Cumulative (x or less)
0	.101831	.101831
1	.236206	.338037
2	.270297	.608334
3	.203420	.811754
4	.113244	.924998
5	.049734	.974732
6	.017945	.992677
7	.005471	.998148
8	.001438	.999586
9	.000331	.999917
10	.000068	.999985
11	.000012	.999997
12	.000002	.999999
13	.000000	1.000000

p=.04

x	Individual Term	Cumulative (x or less)
0	.046810	.046810
1	.146283	.193093
2	.225519	.418612
3	.228651	.647263
4	.171488	.818752
5	.101464	.920216
6	.049323	.969538
7	.020258	.989796
8	.007175	.996971
9	.002225	.999196
10	.000612	.999808
11	.000151	.999959
12	.000033	.999992
13	.000007	.999999
14	.000001	1.000001
15	.000000	1.000001

p=.05

x	Individual Term	Cumulative (x or less)
0	.021344	.021344
1	.084252	.105595
2	.164069	.269664
3	.210123	.479787
4	.199064	.678851
5	.148774	.827626
6	.091353	.918978
7	.047393	.966372
8	.021202	.987574
9	.008307	.995881
10	.002886	.998767
11	.000897	.999665
12	.000252	.999916
13	.000064	.999981
14	.000015	.999996
15	.000003	.999999
16	.000001	1.000000
17	.000000	1.000000

p=.06

x	Individual Term	Cumulative (x or less)
0	.009651	.009651
1	.046203	.055855
2	.109119	.164973
3	.169482	.334455
4	.194724	.529179
5	.176494	.705674
6	.131432	.837106
7	.082694	.919800
8	.044866	.964666
9	.021319	.985985
10	.008981	.994967
11	.003188	.998154
12	.001153	.999307
13	.000357	.999864
14	.000101	.999965
15	.000026	.999991
16	.000006	.999997
17	.000001	.999999
18	.000000	.999999

n=
75

50-100 BINOMIAL TABLES

p=.07		
x	Individual Term	Cumulative (x or less)
0	.004327	.004327
1	.024429	.028756
2	.068032	.096788
3	.124604	.221392
4	.168818	.390210
5	.180435	.570645
6	.158447	.729092
7	.117557	.846649
8	.075211	.921861
9	.042144	.964004
10	.020936	.984940
11	.009312	.994252
12	.003738	.997990
13	.001363	.999353
14	.000454	.999808
15	.000139	.999947
16	.000039	.999986
17	.000010	.999996
18	.000002	.999999
19	.000001	1.000000
20	.000000	1.000000

p=.08		
x	Individual Term	Cumulative (x or less)
0	.001923	.001923
1	.012544	.014468
2	.040360	.054828
3	.085400	.140228
4	.133670	.273898
5	.165053	.438950
6	.167445	.606395
7	.143524	.749920
8	.106083	.856003
9	.068672	.924675
10	.039412	.964087
11	.020251	.984338
12	.009392	.993729
13	.003958	.997687
14	.001524	.999211
15	.000539	.999750
16	.000176	.999926
17	.000053	.999979
18	.000015	.999994
19	.000004	.999998
20	.000001	.999999
21	.000000	.999999

p=.09		
x	Individual Term	Cumulative (x or less)
0	.000847	.000847
1	.006286	.007133
2	.023002	.030136
3	.055357	.085492
4	.098548	.184040
5	.138400	.322440
6	.159692	.482132
7	.155681	.637813
8	.130875	.768687
9	.096358	.865046
10	.062898	.927943
11	.036758	.964701
12	.019389	.984090
13	.009293	.993383
14	.004070	.997454
15	.001637	.999091
16	.000607	.999698
17	.000208	.999906
18	.000066	.999973
19	.000020	.999992
20	.000005	.999998
21	.000001	.999999
22	.000000	.999999
23	.000000	1.000000

50-100 BINOMIAL TABLES

n=75

p=.10

x	Individual Term	Cumulative (x or less)
0	.000370	.000370
1	.003083	.003453
2	.012676	.016129
3	.034271	.050400
4	.068542	.118941
5	.108144	.227085
6	.140186	.367271
7	.153537	.520808
8	.145007	.665816
9	.119944	.785760
10	.087959	.873719
11	.057751	.931470
12	.034223	.965693
13	.018428	.984121
14	.009068	.993188
15	.004097	.997285
16	.001707	.998993
17	.000658	.999651
18	.000236	.999887
19	.000079	.999965
20	.000024	.999990
21	.000007	.999997
22	.000002	.999999
23	.000000	.999999

p=.11

x	Individual Term	Cumulative (x or less)
0	.000160	.000160
1	.001484	.001644
2	.006785	.008428
3	.020404	.028833
4	.045394	.074226
5	.079669	.153895
6	.114878	.268774
7	.139956	.408730
8	.147033	.555763
9	.135285	.691047
10	.110356	.801403
11	.080597	.882000
12	.053128	.935128
13	.031821	.966949
14	.017418	.984367
15	.008754	.993121
16	.004058	.997178
17	.001740	.998919
18	.000693	.999612
19	.000257	.999869
20	.000089	.999958
21	.000029	.999987
22	.000009	.999995
23	.000002	.999998
24	.000001	.999999
25	.000000	.999999

p=.12

x	Individual Term	Cumulative (x or less)
0	.000069	.000069
1	.000701	.000770
2	.003539	.004309
3	.011743	.016051
4	.028822	.044874
5	.055811	.100685
6	.088790	.189475
7	.119348	.308822
8	.138335	.447157
9	.140431	.587587
10	.126388	.713975
11	.101841	.815816
12	.074066	.889882
13	.048946	.938828
14	.029558	.968386
15	.016391	.984778
16	.008382	.993160
17	.003967	.997127
18	.001743	.998870
19	.000713	.999583
20	.000272	.999855
21	.000097	.999952
22	.000033	.999985
23	.000010	.999995
24	.000003	.999998
25	.000001	.999999
26	.000000	.999999

n=
75

50-100 BINOMIAL TABLES

p=.13			p=.14			p=.15		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
0	.000029	.000029	0	.000012	.000012	0	.000005	.000005
1	.000326	.000355	1	.000149	.000162	1	.000067	.000072
2	.001803	.002159	2	.000899	.001061	2	.000440	.000512
3	.006557	.008715	3	.003562	.004623	3	.001888	.002400
4	.017635	.026350	4	.010439	.015062	4	.005996	.008395
5	.037419	.063769	5	.024130	.039192	5	.015025	.023420
6	.065232	.129001	6	.045828	.085020	6	.030933	.054353
7	.096081	.225082	7	.073538	.158558	7	.053808	.108161
8	.122034	.347115	8	.101757	.260315	8	.080712	.188874
9	.135749	.482864	9	.123317	.383632	9	.106034	.294908
10	.133876	.616740	10	.132494	.516126	10	.123498	.418406
11	.118208	.734948	11	.127452	.643578	11	.128782	.547187
12	.094204	.829153	12	.110656	.754235	12	.121206	.668393
13	.068217	.897370	13	.087298	.841532	13	.103656	.772049
14	.045142	.942511	14	.062935	.904468	14	.081008	.853058
15	.027431	.969943	15	.041664	.946132	15	.058135	.911193
16	.015371	.985313	16	.025435	.971567	16	.038472	.949665
17	.007971	.993285	17	.014370	.985937	17	.023562	.973227
18	.003838	.997123	18	.007538	.993474	18	.013398	.986626
19	.001720	.998843	19	.003681	.997156	19	.007093	.993719
20	.000720	.999563	20	.001678	.998834	20	.003505	.997224
21	.000282	.999845	21	.000715	.999549	21	.001620	.998844
22	.000103	.999948	22	.000286	.999835	22	.000702	.999545
23	.000036	.999984	23	.000107	.999942	23	.000285	.999831
24	.000012	.999995	24	.000038	.999980	24	.000109	.999940
25	.000004	.999999	25	.000013	.999993	25	.000039	.999979
26	.000001	1.000000	26	.000004	.999996	26	.000013	.999992
27	.000000	1.000000	27	.000001	.999998	27	.000004	.999997
			28	.000000	.999998	28	.000001	.999998
						29	.000000	.999998

50-100 BINOMIAL TABLES

n=
75

p=.16			p=.17			p=.18		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
0	.000002	.000002	0	.000001	.000001	0	.000000	.000000
1	.000030	.000032	1	.000013	.000014	1	.000006	.000006
2	.000211	.000243	2	.000099	.000113	2	.000046	.000052
3	.000977	.001220	3	.000495	.000608	3	.000245	.000297
4	.003350	.004570	4	.001824	.002432	4	.000970	.001267
5	.009061	.013631	5	.005306	.007738	5	.003022	.004289
6	.020136	.033766	6	.012678	.020416	6	.007740	.012030
7	.037805	.071572	7	.025596	.046012	7	.016748	.028778
8	.061209	.132781	8	.044562	.090574	8	.031250	.060028
9	.086793	.219574	9	.067947	.158521	9	.051067	.111095
10	.109112	.328686	10	.091851	.250372	10	.073985	.185080
11	.122810	.451495	11	.111167	.361539	11	.095967	.281047
12	.124759	.576254	12	.121435	.482974	12	.112352	.393399
13	.115162	.691416	13	.120535	.603508	13	.119519	.512918
14	.097144	.788560	14	.109332	.712840	14	.116187	.629105
15	.075248	.863808	15	.091066	.803905	15	.103718	.732823
16	.053748	.917556	16	.069945	.873851	16	.085378	.818201
17	.035531	.953087	17	.049720	.923571	17	.065044	.883245
18	.021807	.974894	18	.032814	.956384	18	.046007	.929252
19	.012461	.987356	19	.020163	.976547	19	.030297	.959549
20	.006646	.994002	20	.011563	.988110	20	.018622	.978170
21	.003316	.997317	21	.006203	.994313	21	.010706	.988876
22	.001550	.998868	22	.003118	.997432	22	.005768	.994644
23	.000680	.999548	23	.001472	.998903	23	.002918	.997562
24	.000281	.999829	24	.000653	.999557	24	.001388	.998950
25	.000109	.999938	25	.000273	.999830	25	.000621	.999571
26	.000040	.999978	26	.000107	.999937	26	.000262	.999834
27	.000014	.999992	27	.000040	.999977	27	.000105	.999938
28	.000005	.999996	28	.000014	.999991	28	.000039	.999977
29	.000001	.999998	29	.000005	.999996	29	.000014	.999991
30	.000000	.999998	30	.000001	.999997	30	.000005	.999996
			31	.000000	.999998	31	.000002	.999998
						32	.000000	.999998

n=
75

50-100 BINOMIAL TABLES

p=.19			p=.20			p=.21		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
1	.000002	.000003	1	.000001	.000001	2	.000004	.000005
2	.000021	.000023	2	.000009	.000010	3	.000027	.000031
3	.000119	.000143	3	.000057	.000067	4	.000127	.000159
4	.000504	.000646	4	.000256	.000323	5	.000481	.000639
5	.001678	.002324	5	.000909	.001232	6	.001491	.002131
6	.004592	.006916	6	.002651	.003883	7	.003908	.006038
7	.010616	.017532	7	.006532	.010415	8	.008829	.014867
8	.021167	.038700	8	.013881	.024296	9	.017472	.032339
9	.036963	.075663	9	.025834	.050129	10	.030653	.062992
10	.057224	.132887	10	.042625	.092755	11	.048149	.111141
11	.079318	.212205	11	.062969	.155724	12	.068262	.179402
12	.099229	.311433	12	.083959	.239683	13	.087936	.267338
13	.112798	.424231	13	.101720	.341403	14	.103519	.370857
14	.117175	.541406	14	.112618	.454021	15	.111906	.482763
15	.111774	.653180	15	.114495	.568516	16	.111552	.594315
16	.098320	.751500	16	.107339	.675855	17	.102913	.697228
17	.080041	.831541	17	.093133	.768988	18	.088149	.785377
18	.060497	.892038	18	.075023	.844012	19	.070296	.855674
19	.042572	.934611	19	.056268	.900279	20	.052322	.907995
20	.027961	.962572	20	.039387	.939666	21	.036427	.944422
21	.017178	.979749	21	.025789	.965456	22	.023767	.968189
22	.009890	.989639	22	.015825	.981281	23	.014559	.982748
23	.005346	.994985	23	.009117	.990398	24	.008385	.991133
24	.002717	.997702	24	.004938	.995336	25	.004547	.995680
25	.001300	.999002	25	.002518	.997854	26	.002324	.998005
26	.000586	.999589	26	.001211	.999065	27	.001121	.999126
27	.000250	.999839	27	.000549	.999615	28	.000511	.999637
28	.000100	.999939	28	.000235	.999850	29	.000220	.999857
29	.000038	.999977	29	.000095	.999945	30	.000090	.999947
30	.000014	.999991	30	.000037	.999982	31	.000035	.999981
31	.000005	.999996	31	.000013	.999995	32	.000013	.999994
32	.000002	.999997	32	.000005	1.000000	33	.000004	.999998
33	.000000	.999998	33	.000001	1.000002	34	.000001	1.000000
			34	.000000	1.000002	35	.000000	1.000001

50-100 BINOMIAL TABLES

n=
75

p=.22			p=.23			p=.24		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
2	.000002	.000002	2	.000001	.000001	2	.000000	.000000
3	.000012	.000014	3	.000006	.000006	3	.000002	.000003
4	.000062	.000076	4	.000030	.000036	4	.000014	.000017
5	.000249	.000325	5	.000126	.000162	5	.000062	.000079
6	.000819	.001144	6	.000439	.000601	6	.000230	.000309
7	.002276	.003419	7	.001292	.001892	7	.000715	.001024
8	.005456	.008875	8	.003280	.005172	8	.001920	.002944
9	.011456	.020331	9	.007293	.012465	9	.004514	.007459
10	.021325	.041656	10	.014378	.026843	10	.009408	.016867
11	.035542	.077198	11	.025378	.052221	11	.017556	.034423
12	.053465	.130663	12	.040428	.092649	12	.029569	.063992
13	.073079	.203742	13	.058522	.151172	13	.045251	.109242
14	.091282	.295025	14	.077414	.228586	14	.063283	.172525
15	.104702	.399726	15	.094037	.322623	15	.081268	.253794
16	.110742	.510468	16	.105334	.427957	16	.096239	.350032
17	.108403	.618871	17	.109196	.537152	17	.105476	.455508
18	.098520	.717392	18	.105099	.642252	18	.107326	.562834
19	.083363	.800755	19	.094180	.736431	19	.101677	.664511
20	.065836	.866591	20	.078768	.815200	20	.089904	.754415
21	.048633	.915225	21	.061622	.876821	21	.074357	.828772
22	.033669	.948894	22	.045179	.922001	22	.057635	.886407
23	.021883	.970777	23	.031098	.953098	23	.041941	.928348
24	.013373	.984150	24	.020126	.973224	24	.028696	.957044
25	.007695	.991844	25	.012264	.985488	25	.018486	.975530
26	.004174	.996018	26	.007045	.992533	26	.011227	.986757
27	.002136	.998154	27	.003819	.996351	27	.006434	.993191
28	.001033	.999187	28	.001955	.998307	28	.003483	.996674
29	.000472	.999660	29	.000947	.999253	29	.001783	.998456
30	.000204	.999864	30	.000434	.999687	30	.000863	.999320
31	.000084	.999947	31	.000188	.999875	31	.000396	.999715
32	.000032	.999980	32	.000077	.999952	32	.000172	.999887
33	.000012	.999992	33	.000030	.999982	33	.000071	.999958
34	.000004	.999996	34	.000011	.999993	34	.000028	.999985
35	.000001	.999997	35	.000004	.999997	35	.000010	.999996
36	.000000	.999998	36	.000001	.999999	36	.000004	.999999
			37	.000000	.999999	37	.000001	1.000001
						38	.000000	1.000001

n=
75

50-100 BINOMIAL TABLES

p=.25			p=.26			p=.27		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
3	.000001	.000001	3	.000000	.000001	4	.000001	.000001
4	.000006	.000008	4	.000003	.000003	5	.000007	.000008
5	.000030	.000038	5	.000014	.000018	6	.000029	.000037
6	.000118	.000156	6	.000059	.000077	7	.000105	.000143
7	.000387	.000542	7	.000204	.000281	8	.000332	.000474
8	.001096	.001638	8	.000610	.000891	9	.000913	.001387
9	.002719	.004358	9	.001596	.002487	10	.002229	.003617
10	.005983	.010340	10	.003701	.006188	11	.004872	.008489
11	.011784	.022125	11	.007684	.013872	12	.009610	.018099
12	.020950	.043074	12	.014398	.028270	13	.017226	.035325
13	.033842	.076916	13	.024516	.052787	14	.028215	.063540
14	.049957	.126873	14	.038147	.090934	15	.042439	.105979
15	.067719	.194592	15	.054505	.145439	16	.058862	.164842
16	.084649	.279242	16	.071815	.217254	17	.075558	.240400
17	.097928	.377169	17	.087570	.304824	18	.090049	.330449
18	.105182	.482351	18	.099141	.403965	19	.099917	.430366
19	.105182	.587532	19	.104500	.508466	20	.103476	.533842
20	.098169	.685702	20	.102806	.611271	21	.100236	.634077
21	.085703	.771405	21	.094602	.705873	22	.090999	.725076
22	.070121	.841526	22	.081586	.787459	23	.077558	.802634
23	.053861	.895387	23	.066055	.853514	24	.062152	.864786
24	.038900	.934287	24	.050285	.903799	25	.046895	.911681
25	.026452	.960739	25	.036042	.939841	26	.033355	.945037
26	.016956	.977695	26	.024353	.964194	27	.022389	.967426
27	.010257	.987953	27	.015528	.979722	28	.014196	.981622
28	.005861	.993814	28	.009353	.989075	29	.008510	.990131
29	.003167	.996981	29	.005326	.994401	30	.004826	.994957
30	.001618	.998599	30	.002869	.997270	31	.002591	.997548
31	.000783	.999382	31	.001463	.998733	32	.001318	.998866
32	.000399	.999741	32	.000707	.999440	33	.000615	.999501
33	.000156	.999897	33	.000324	.999764	34	.000290	.999791
34	.000064	.999961	34	.000140	.999904	35	.000126	.999917
35	.000025	.999986	35	.000058	.999962	36	.000052	.999969
36	.000009	.999995	36	.000023	.999985	37	.000020	.999989
37	.000003	.999999	37	.000008	.999993	38	.000007	.999996
38	.000001	1.000000	38	.000003	.999996	39	.000003	.999999
39	.000000	1.000001	39	.000001	.999997	40	.000001	1.000000
			40	.000000	.999997	41	.000000	1.000000

50-100 BINOMIAL TABLES

n=
75

p=.28

x	Individual Term	Cumulative (x or less)
4	.000001	.000001
5	.000003	.000004
6	.000014	.000018
7	.000053	.000071
8	.000176	.000247
9	.000510	.000757
10	.001308	.002065
11	.003006	.005071
12	.006236	.011307
13	.011752	.023059
14	.020239	.043298
15	.032008	.075306
16	.046678	.121984
17	.063000	.184985
18	.078945	.263929
19	.092102	.356032
20	.100289	.456321
21	.102146	.558467
22	.097503	.655970
23	.087376	.743346
24	.073622	.816969
25	.058407	.875376
26	.043681	.919057
27	.030828	.949885
28	.020552	.970437
29	.012953	.983390
30	.007724	.991114
31	.004360	.995474
32	.002332	.997806
33	.001181	.998988
34	.000568	.999555
35	.000259	.999814
36	.000112	.999925
37	.000046	.999971
38	.000018	.999989
39	.000007	.999996
40	.000002	.999998
41	.000001	.999999
42	.000000	.999999

p=.29

x	Individual Term	Cumulative (x or less)
5	.000001	.000002
6	.000007	.000008
7	.000026	.000034
8	.000091	.000126
9	.000278	.000404
10	.000749	.001152
11	.001807	.002959
12	.003936	.006895
13	.007792	.014687
14	.014094	.028781
15	.023410	.052191
16	.035857	.088049
17	.050830	.138879
18	.066898	.205777
19	.081974	.287751
20	.093751	.381502
21	.100290	.481792
22	.100547	.582339
23	.094636	.676975
24	.083751	.760725
25	.069784	.830509
26	.054814	.885324
27	.040632	.925956
28	.028450	.954406
29	.018833	.973239
30	.011795	.985035
31	.006994	.992028
32	.003928	.995956
33	.002090	.998046
34	.001055	.999101
35	.000505	.999606
36	.000229	.999835
37	.000099	.999933
38	.000040	.999973
39	.000016	.999989
40	.000006	.999995
41	.000002	.999997
42	.000001	.999997
43	.000000	.999998

p=.30

x	Individual Term	Cumulative (x or less)
5	.000001	.000001
6	.000003	.000004
7	.000013	.000016
8	.000046	.000063
9	.000148	.000211
10	.000418	.000628
11	.001058	.001687
12	.002419	.004106
13	.005024	.009130
14	.009536	.018667
15	.016620	.035287
16	.026711	.061998
17	.039730	.101728
18	.054865	.156593
19	.070541	.227134
20	.084649	.311783
21	.095014	.406797
22	.099950	.506747
23	.098708	.605456
24	.091658	.697113
25	.080135	.777249
26	.066045	.843294
27	.051369	.894663
28	.037740	.932403
29	.026214	.958617
30	.017226	.975843
31	.010717	.986559
32	.006315	.992875
33	.003527	.996401
34	.001867	.998268
35	.000937	.999206
36	.000446	.999652
37	.000202	.999854
38	.000086	.999940
39	.000035	.999975
40	.000014	.999989
41	.000005	.999994
42	.000002	.999996
43	.000001	.999996
44	.000000	.999996

50-100 BINOMIAL TABLES

n=
75

p=.31			p=.32			p=.33		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
6	.000001	.000002	6	.000001	.000001	7	.000001	.000002
7	.000006	.000008	7	.000003	.000004	8	.000005	.000007
8	.000023	.000031	8	.000011	.000015	9	.000019	.000026
9	.000077	.000107	9	.000039	.000054	10	.000063	.000089
10	.000228	.000335	10	.000121	.000175	11	.000183	.000272
11	.000604	.000940	11	.000337	.000511	12	.000481	.000753
12	.001448	.002388	12	.000845	.001357	13	.001148	.001900
13	.003153	.005541	13	.001927	.003284	14	.002503	.004403
14	.006274	.011815	14	.004016	.007300	15	.005013	.009417
15	.011463	.023279	15	.007686	.014987	16	.009260	.018677
16	.019313	.042592	16	.013564	.028551	17	.015829	.034505
17	.030114	.072706	17	.022153	.050704	18	.025121	.059627
18	.043595	.116301	18	.033592	.084296	19	.037120	.096746
19	.058758	.175059	19	.047424	.131720	20	.051192	.147938
20	.073916	.248975	20	.062488	.194208	21	.066036	.213974
21	.086975	.335951	21	.077016	.271224	22	.079835	.293809
22	.095914	.431864	22	.088959	.360183	23	.090611	.384419
23	.099298	.531162	23	.096468	.456651	24	.096696	.481116
24	.096660	.627822	24	.098359	.555010	25	.097158	.578274
25	.088591	.716412	25	.094425	.649435	26	.092027	.670301
26	.076542	.792954	26	.085452	.734887	27	.082260	.752560
27	.062408	.855362	27	.072979	.807866	28	.069456	.822016
28	.048066	.903428	28	.058874	.866739	29	.055443	.877460
29	.034999	.938427	29	.044902	.911641	30	.041872	.919332
30	.024110	.962537	30	.032400	.944041	31	.029937	.949269
31	.015724	.978261	31	.022133	.966173	32	.020275	.969544
32	.009714	.987974	32	.014321	.980494	33	.013012	.982556
33	.005687	.993661	33	.008782	.989276	34	.007917	.990473
34	.003156	.996817	34	.005105	.994381	35	.004568	.995041
35	.001661	.998478	35	.002814	.997195	36	.002500	.997540
36	.000829	.999307	36	.001471	.998666	37	.001298	.998838
37	.000393	.999700	37	.000730	.999396	38	.000639	.999477
38	.000176	.999876	38	.000343	.999740	39	.000299	.999776
39	.000075	.999951	39	.000153	.999893	40	.000132	.999909
40	.000030	.999982	40	.000065	.999958	41	.000056	.999964
41	.000012	.999993	41	.000026	.999984	42	.000022	.999986
42	.000004	.999997	42	.000010	.999994	43	.000008	.999995
43	.000001	.999999	43	.000004	.999997	44	.000003	.999998
44	.000000	.999999	44	.000001	.999999	45	.000001	.999999
45	.000000	1.000000	45	.000000	.999999	46	.000000	.999999

50-100 BINOMIAL TABLES

n=
75

p=.34

x	Individual Term	Cumulative (x or less)
7	.000001	.000001
8	.000002	.000003
9	.000009	.000013
10	.000032	.000044
11	.000097	.000141
12	.000267	.000408
13	.000666	.001074
14	.001519	.002593
15	.003182	.005776
16	.006148	.011923
17	.010992	.022915
18	.018245	.041160
19	.028197	.069358
20	.040672	.110030
21	.054876	.164906
22	.069388	.234294
23	.082370	.316663
24	.091938	.408601
25	.096618	.505220
26	.095718	.600938
27	.089487	.690424
28	.079027	.769452
29	.065980	.835432
30	.052118	.887549
31	.038974	.926523
32	.027606	.954129
33	.018531	.972660
34	.011792	.984452
35	.007116	.991568
36	.004073	.995642
37	.002212	.997854
38	.001139	.998993
39	.000557	.999550
40	.000258	.999808
41	.000114	.999922
42	.000047	.999969
43	.000019	.999988
44	.000007	.999995
45	.000002	.999997
46	.000001	.999998
47	.000000	.999998

p=.35

x	Individual Term	Cumulative (x or less)
8	.000001	.000001
9	.000004	.000006
10	.000016	.000022
11	.000050	.000072
12	.000144	.000216
13	.000377	.000593
14	.000898	.001491
15	.001967	.003458
16	.003971	.007429
17	.007422	.014851
18	.012877	.027728
19	.020801	.048529
20	.031362	.079891
21	.044228	.124119
22	.058456	.182575
23	.072532	.255107
24	.084620	.339727
25	.092952	.432679
26	.096252	.528932
27	.094059	.622990
28	.086823	.709814
29	.075769	.785583
30	.062558	.848140
31	.048898	.897038
32	.036203	.933241
33	.025401	.958642
34	.016896	.975538
35	.010657	.984619
36	.006376	.992572
37	.003619	.996191
38	.001949	.998139
39	.000995	.999135
40	.000482	.999617
41	.000222	.999839
42	.000097	.999936
43	.000040	.999975
44	.000016	.999991
45	.000006	.999997
46	.000002	.999999
47	.000001	1.000000
48	.000000	1.000000

p=.36

x	Individual Term	Cumulative (x or less)
8	.000000	.000001
9	.000002	.000003
10	.000008	.000010
11	.000025	.000036
12	.000076	.000112
13	.000208	.000320
14	.000518	.000837
15	.001184	.002021
16	.002497	.004518
17	.004875	.009393
18	.008835	.018228
19	.014910	.033138
20	.023483	.056621
21	.034596	.091217
22	.047765	.138982
23	.061913	.200896
24	.075457	.276353
25	.086587	.362940
26	.093664	.456603
27	.095615	.552218
28	.092200	.644419
29	.084053	.728472
30	.072496	.800968
31	.059195	.860163
32	.045784	.905947
33	.033557	.939504
34	.023317	.962822
35	.015365	.978186
36	.009603	.987789
37	.005694	.993483
38	.003203	.996685
39	.001709	.998394
40	.000865	.999259
41	.000415	.999675
42	.000189	.999864
43	.000082	.999946
44	.000033	.999979
45	.000013	.999992
46	.000005	.999997
47	.000002	.999998
48	.000001	.999999
49	.000000	.999999

n=75

50-100 BINOMIAL TABLES

p=.37			p=.38			p=.39		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
9	.000001	.000001	9	.000000	.000001	10	.000001	.000001
10	.000004	.000005	10	.000002	.000002	11	.000003	.000004
11	.000013	.000017	11	.000006	.000008	12	.000010	.000013
12	.000039	.000057	12	.000020	.000028	13	.000030	.000043
13	.000112	.000168	13	.000059	.000087	14	.000085	.000128
14	.000291	.000459	14	.000159	.000246	15	.000221	.000349
15	.000694	.001153	15	.000396	.000642	16	.000529	.000878
16	.001529	.002682	16	.000911	.001553	17	.001174	.002052
17	.003116	.005797	17	.001938	.003492	18	.002418	.004470
18	.005896	.011693	18	.003828	.007319	19	.004638	.009108
19	.010388	.022082	19	.007038	.014358	20	.008303	.017411
20	.017083	.039165	20	.012079	.026436	21	.013903	.031315
21	.026277	.065442	21	.019389	.045826	22	.021818	.053133
22	.037880	.103322	22	.029169	.074994	23	.032144	.085277
23	.051264	.154586	23	.041196	.116191	24	.044528	.129806
24	.065233	.219820	24	.054707	.170898	25	.058076	.187882
25	.078156	.297975	25	.068401	.239299	26	.071405	.259287
26	.088271	.386246	26	.080622	.319921	27	.082851	.342138
27	.094083	.480330	27	.089676	.409598	28	.090806	.432944
28	.094723	.575053	28	.094222	.503820	29	.094091	.527035
29	.090161	.665214	29	.093593	.597413	30	.092240	.619275
30	.081192	.746406	30	.087958	.685371	31	.085606	.704881
31	.069219	.815625	31	.078256	.763627	32	.075256	.780138
32	.055897	.871523	32	.065949	.829576	33	.062695	.842833
33	.042777	.914299	33	.052669	.882245	34	.049515	.892348
34	.031034	.945333	34	.039877	.922122	35	.037084	.929432
35	.021351	.966684	35	.028630	.950752	36	.026344	.955776
36	.013933	.980617	36	.019497	.970250	37	.017753	.973529
37	.008625	.989242	37	.012596	.982846	38	.011350	.984880
38	.005065	.994308	38	.007720	.990566	39	.006885	.991764
39	.002822	.997130	39	.004489	.995055	40	.003962	.995726
40	.001492	.998622	40	.002476	.997531	41	.002162	.997888
41	.000748	.999370	41	.001296	.998827	42	.001119	.999007
42	.000356	.999725	42	.000643	.999470	43	.000549	.999556
43	.000160	.999886	43	.000302	.999772	44	.000255	.999811
44	.000068	.999954	44	.000135	.999907	45	.000112	.999924
45	.000028	.999982	45	.000057	.999964	46	.000047	.999971
46	.000011	.999992	46	.000023	.999986	47	.000018	.999989
47	.000004	.999996	47	.000009	.999995	48	.000007	.999996
48	.000001	.999997	48	.000003	.999998	49	.000002	.999998
49	.000000	.999998	49	.000001	.999999	50	.000001	.999999
			50	.000000	.999999	51	.000000	1.000000

50-100 BINOMIAL TABLES

n=
75

p=.40

x	Individual Term	Cumulative (x or less)
10	.000000	.000000
11	.000001	.000002
12	.000005	.000006
13	.000015	.000021
14	.000044	.000065
15	.000120	.000185
16	.000299	.000484
17	.000692	.001176
18	.001487	.002663
19	.002973	.005636
20	.005550	.011187
21	.009691	.020878
22	.015858	.036736
23	.024362	.061098
24	.035190	.096288
25	.047858	.144146
26	.061356	.205502
27	.074233	.279735
28	.084838	.364573
29	.091664	.456237
30	.093701	.549938
31	.090679	.640617
32	.083122	.723739
33	.072207	.795946
34	.059465	.855410
35	.046439	.901849
36	.034399	.936249
37	.024172	.960421
38	.016115	.976536
39	.010192	.986729
40	.006115	.992844
41	.003480	.996324
42	.001878	.998203
43	.000961	.999164
44	.000466	.999630
45	.000214	.999844
46	.000093	.999937
47	.000038	.999975
48	.000015	.999990
49	.000005	.999995
50	.000002	.999997
51	.000001	.999998
52	.000000	.999998

p=.41

x	Individual Term	Cumulative (x or less)
11	.000001	.000001
12	.000002	.000003
13	.000007	.000010
14	.000022	.000033
15	.000063	.000096
16	.000165	.000261
17	.000397	.000658
18	.000890	.001547
19	.001855	.003402
20	.003609	.007011
21	.006568	.013578
22	.011203	.024781
23	.017939	.042720
24	.027010	.069730
25	.038290	.108020
26	.051170	.159190
27	.064533	.223723
28	.076877	.300600
29	.086582	.387181
30	.092256	.479437
31	.093063	.572500
32	.088922	.661423
33	.080519	.741941
34	.069119	.811061
35	.056266	.867327
36	.043445	.910772
37	.031822	.942594
38	.022114	.964708
39	.014579	.979287
40	.009118	.988405
41	.005409	.993814
42	.003043	.996857
43	.001623	.998480
44	.000820	.999300
45	.000393	.999693
46	.000178	.999871
47	.000076	.999947
48	.000031	.999978
49	.000012	.999990
50	.000004	.999994
51	.000001	.999995
52	.000000	.999996

p=.42

x	Individual Term	Cumulative (x or less)
11	.000000	.000000
12	.000001	.000001
13	.000003	.000005
14	.000011	.000016
15	.000033	.000048
16	.000088	.000137
17	.000222	.000359
18	.000518	.000877
19	.001126	.002002
20	.002282	.004284
21	.004328	.008613
22	.007693	.016305
23	.012837	.029142
24	.020141	.049283
25	.029752	.079035
26	.041432	.120467
27	.054449	.174917
28	.067592	.242509
29	.079327	.321836
30	.088080	.409916
31	.092587	.502502
32	.092188	.594690
33	.086986	.681676
34	.077811	.759486
35	.066005	.825491
36	.053107	.878599
37	.040536	.919135
38	.029354	.948488
39	.020166	.968654
40	.013143	.981797
41	.008124	.989922
42	.004763	.994684
43	.002647	.997331
44	.001394	.998725
45	.000695	.999420
46	.000328	.999748
47	.000147	.999895
48	.000062	.999957
49	.000025	.999982
50	.000009	.999991
51	.000003	.999994
52	.000001	.999996
53	.000000	.999996

n=
75

50-100 BINOMIAL TABLES

p=.43			p=.44			p=.45		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
12	.000000	.000001	12	.000000	.000000	14	.000001	.000002
13	.000002	.000002	13	.000001	.000001	15	.000004	.000005
14	.000005	.000007	14	.000002	.000003	16	.000012	.000017
15	.000016	.000024	15	.000008	.000011	17	.000033	.000050
16	.000046	.000070	16	.000023	.000035	18	.000087	.000137
17	.000121	.000191	17	.000064	.000099	19	.000213	.000350
18	.000294	.000484	18	.000162	.000261	20	.000489	.000839
19	.000665	.001149	19	.000382	.000643	21	.001047	.001886
20	.001404	.002553	20	.000840	.001482	22	.002103	.003989
21	.002774	.005326	21	.001728	.003211	23	.003965	.007954
22	.005136	.010462	22	.003333	.006544	24	.007028	.014982
23	.008928	.019389	23	.006035	.012578	25	.011731	.026713
24	.014592	.033982	24	.010273	.022852	26	.018458	.045171
25	.022457	.056438	25	.016467	.039319	27	.027407	.072578
26	.032579	.089017	26	.024881	.064200	28	.038442	.111020
27	.044603	.133620	27	.035479	.099678	29	.050974	.161994
28	.057682	.191301	28	.047788	.147466	30	.063949	.225944
29	.070523	.261824	29	.060853	.208319	31	.075952	.301895
30	.081576	.343400	30	.073313	.281632	32	.085446	.387341
31	.089332	.432732	31	.083617	.365249	33	.091095	.478436
32	.092662	.525394	32	.090337	.453585	34	.092069	.570505
33	.091086	.616479	33	.092487	.548073	35	.088243	.658747
34	.084882	.701361	34	.089767	.637840	36	.080221	.738968
35	.075011	.776372	35	.082622	.720462	37	.069183	.808151
36	.062874	.839246	36	.072131	.792593	38	.056604	.864755
37	.049995	.889241	37	.059738	.852330	39	.043938	.908693
38	.037716	.926957	38	.046937	.899267	40	.032354	.941047
39	.026993	.953951	39	.034988	.934254	41	.022598	.963645
40	.018327	.972278	40	.024741	.958996	42	.014967	.978612
41	.011802	.984080	41	.016595	.975590	43	.009398	.988010
42	.007208	.991288	42	.010555	.986145	44	.005592	.993602
43	.004173	.995460	43	.006365	.992510	45	.003152	.996754
44	.002289	.997750	44	.003637	.996147	46	.001682	.998436
45	.001190	.998940	45	.001969	.998116	47	.000849	.999285
46	.000585	.999525	46	.001009	.999121	48	.000405	.999690
47	.000272	.999797	47	.000489	.999613	49	.000183	.999873
48	.000120	.999917	48	.000224	.999837	50	.000078	.999951
49	.000050	.999967	49	.000097	.999934	51	.000031	.999982
50	.000020	.999987	50	.000040	.999974	52	.000012	.999994
51	.000007	.999994	51	.000015	.999989	53	.000004	.999998
52	.000003	.999996	52	.000006	.999995	54	.000001	.999999
53	.000001	.999997	53	.000002	.999997			
54	.000000	.999998	54	.000001	.999997	55	.000000	1.000000
			55	.000000	.999997			

50-100 BINOMIAL TABLES

n=
75

p=.46

x	Individual Term	Cumulative (x or less)
14	.000001	.000001
15	.000002	.000002
16	.000006	.000008
17	.000017	.000025
18	.000045	.000070
19	.000116	.000186
20	.000276	.000462
21	.000617	.001079
22	.001290	.002369
23	.002531	.004900
24	.004672	.009572
25	.008119	.017692
26	.013301	.030993
27	.020563	.051556
28	.030028	.081584
29	.044457	.123040
30	.054419	.177190
31	.066959	.244148
32	.078429	.322577
33	.087055	.409632
34	.091607	.501239
35	.091413	.592652
36	.086522	.679174
37	.077688	.756862
38	.066179	.823041
39	.053484	.876525
40	.041004	.917529
41	.029818	.947347
42	.020562	.967909
43	.013442	.981352
44	.008328	.989680
45	.004887	.994567
46	.002715	.997282
47	.001427	.998709
48	.000709	.999418
49	.000333	.999751
50	.000147	.999898
51	.000062	.999960
52	.000024	.999984
53	.000009	.999993
54	.000003	.999996
55	.000001	.999997
56	.000000	.999997

p=.47

x	Individual Term	Cumulative (x or less)
15	.000001	.000001
16	.000003	.000004
17	.000008	.000012
18	.000023	.000035
19	.000061	.000096
20	.000152	.000248
21	.000353	.000601
22	.000769	.001370
23	.001571	.002940
24	.003018	.005958
25	.005459	.011417
26	.009310	.020727
27	.014983	.035710
28	.022778	.058488
29	.032736	.091224
30	.044513	.135738
31	.057301	.193039
32	.069869	.262908
33	.080735	.343644
34	.088442	.432085
35	.091874	.523959
36	.090526	.614485
37	.084617	.699103
38	.075038	.774140
39	.063131	.837271
40	.050385	.887656
41	.038143	.925799
42	.027382	.953181
43	.018635	.971816
44	.012018	.983834
45	.007342	.991175
46	.004246	.995421
47	.002323	.997745
48	.001202	.998947
49	.000587	.999534
50	.000271	.999805
51	.000118	.999922
52	.000048	.999971
53	.000019	.999989
54	.000007	.999996
55	.000002	.999998
56	.000001	.999999
57	.000000	.999999

p=.48

x	Individual Term	Cumulative (x or less)
15	.000000	.000001
16	.000001	.000002
17	.000004	.000005
18	.000011	.000017
19	.000031	.000048
20	.000081	.000129
21	.000196	.000326
22	.000445	.000771
23	.000947	.001718
24	.001893	.003611
25	.003565	.007176
26	.006329	.013505
27	.010602	.024107
28	.016777	.040884
29	.025099	.065983
30	.035524	.101507
31	.047601	.149108
32	.060417	.209525
33	.072669	.282194
34	.082862	.365056
35	.089601	.454657
36	.091898	.546555
37	.089414	.635969
38	.082536	.718505
39	.072280	.790786
40	.060048	.850834
41	.047318	.898152
42	.035358	.933510
43	.025048	.958558
44	.016815	.975373
45	.010693	.986066
46	.006437	.992503
47	.003666	.996170
48	.001974	.998144
49	.001004	.999148
50	.000482	.999630
51	.000218	.999848
52	.000093	.999941
53	.000037	.999978
54	.000014	.999992
55	.000005	.999997
56	.000002	.999999
57	.000001	.999999
58	.000000	.999999

n=
75

50-100 BINOMIAL TABLES

p=.49

x	Individual Term	Cumulative (x or less)
16	.000001	.000001
17	.000002	.000002
18	.000005	.000008
19	.000016	.000024
20	.000042	.000066
21	.000106	.000172
22	.000250	.000422
23	.000554	.000976
24	.001154	.002130
25	.002261	.004391
26	.004178	.008568
27	.007284	.015853
28	.011998	.027850
29	.018682	.046532
30	.027522	.074054
31	.038384	.112438
32	.050709	.163147
33	.063484	.226631
34	.075346	.301977
35	.084801	.386779
36	.090529	.477307
37	.091680	.568987
38	.088085	.657072
39	.080290	.737362
40	.069428	.806789
41	.056943	.863733
42	.044289	.908022
43	.032656	.940678
44	.022819	.963497
45	.015103	.978600
46	.009464	.988064
47	.005610	.993674
48	.003144	.996818
49	.001665	.998483
50	.000832	.999315
51	.000392	.999706
52	.000174	.999880
53	.000072	.999952
54	.000028	.999981
55	.000010	.999991
56	.000004	.999995
57	.000001	.999996
58	.000000	.999996

p=.50

x	Individual Term	Cumulative (x or less)
16	.000000	.000000
17	.000001	.000001
18	.000003	.000004
19	.000008	.000011
20	.000021	.000032
21	.000056	.000088
22	.000137	.000225
23	.000315	.000540
24	.000682	.001222
25	.001392	.002614
26	.002677	.005291
27	.004858	.010149
28	.008328	.018477
29	.013498	.031975
30	.020696	.052671
31	.030043	.082714
32	.041309	.124023
33	.053827	.177850
34	.066492	.244342
35	.077891	.322233
36	.086545	.408778
37	.091223	.500001
38	.091223	.591224
39	.086545	.677769
40	.077891	.755660
41	.066492	.822152
42	.053827	.875979
43	.041309	.917288
44	.030043	.947330
45	.020696	.968027
46	.013498	.981524
47	.008328	.989852
48	.004858	.994711
49	.002677	.997388
50	.001392	.998780
51	.000682	.999462
52	.000315	.999777
53	.000137	.999914
54	.000056	.999969
55	.000021	.999991
56	.000008	.999998
57	.000003	1.000002
58	.000001	1.000003
59	.000000	1.000003

50-100 BINOMIAL TABLES

n=80

p=.01

x	Individual Term	Cumulative (x or less)
0	.447523	.447523
1	.361635	.809158
2	.144289	.953447
3	.037894	.991341
4	.007368	.998709
5	.001131	.999840
6	.000143	.999983
7	.000015	.999999
8	.000001	1.000000
9	.000000	1.000001

p=.02

x	Individual Term	Cumulative (x or less)
0	.198649	.198649
1	.324325	.522974
2	.261445	.784419
3	.138726	.923145
4	.054500	.977645
5	.016906	.994551
6	.004313	.998863
7	.000930	.999794
8	.000173	.999967
9	.000028	.999995
10	.000004	.999999
11	.000001	1.000000
12	.000000	1.000001

p=.03

x	Individual Term	Cumulative (x or less)
0	.087446	.087446
1	.216361	.303806
2	.264317	.568123
3	.212543	.780666
4	.126340	.907206
5	.059487	.966693
6	.022997	.989691
7	.007519	.997210
8	.002122	.999332
9	.000523	.999857
10	.000115	.999972
11	.000023	.999995
12	.000004	.999999
13	.000001	.999999
14	.000000	1.000000

p=.04

x	Individual Term	Cumulative (x or less)
0	.038168	.038168
1	.127226	.165394
2	.209393	.374788
3	.226843	.601630
4	.181947	.783577
5	.115233	.898810
6	.060017	.958827
7	.026436	.985263
8	.010051	.995314
9	.003350	.998663
10	.000991	.999656
11	.000263	.999919
12	.000063	.999982
13	.000014	.999996
14	.000003	.999998
15	.000001	.999999
16	.000000	.999999

p=.05

x	Individual Term	Cumulative (x or less)
0	.016515	.016515
1	.069538	.086054
2	.144567	.230621
3	.197828	.428449
4	.200431	.628880
5	.160345	.789225
6	.105490	.894715
7	.058694	.953409
8	.028188	.981597
9	.011869	.993466
10	.004435	.997901
11	.001485	.999387
12	.000450	.999836
13	.000124	.999960
14	.000031	.999991
15	.000007	.999998
16	.000002	1.000000
17	.000000	1.000001

p=.06

x	Individual Term	Cumulative (x or less)
0	.007083	.007083
1	.036169	.043253
2	.091193	.134446
3	.151342	.285788
4	.185957	.471745
5	.180418	.652163
6	.143951	.796113
7	.097134	.893247
8	.056375	.949822
9	.028889	.978712
10	.013092	.991804
11	.005318	.997122
12	.001932	.999074
13	.000652	.999726
14	.000199	.999925
15	.000056	.999981
16	.000014	.999995
17	.000003	.999999
18	.000001	1.000000
19	.000000	1.000000

n=
80

50-100 BINOMIAL TABLES

p=.07			p=.08			p=.09		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
0	.003010	.003010	0	.001268	.001268	0	.000529	.000529
1	.018128	.021138	1	.008819	.010087	1	.004184	.004713
2	.053896	.075034	2	.030291	.040378	2	.016346	.021059
3	.105473	.180507	3	.068485	.108863	3	.042032	.063090
4	.152823	.333329	4	.114637	.223500	4	.080022	.143112
5	.174842	.508172	5	.151521	.375020	5	.120296	.263408
6	.164502	.672674	6	.164696	.539717	6	.148718	.412125
7	.130894	.803568	7	.151398	.691114	7	.155488	.567614
8	.089902	.893469	8	.120131	.811245	8	.140324	.707937
9	.054134	.947604	9	.083569	.894815	9	.111025	.818963
10	.028930	.976534	10	.051595	.946410	10	.077962	.896925
11	.013857	.990391	11	.028551	.974960	11	.049067	.945992
12	.005997	.996388	12	.014275	.989236	12	.027903	.973895
13	.002361	.998749	13	.006493	.995729	13	.014435	.988330
14	.000851	.999599	14	.002702	.998431	14	.006832	.995163
15	.000282	.999881	15	.001034	.999465	15	.002973	.998136
16	.000086	.999967	16	.000365	.999830	16	.001195	.999330
17	.000024	.999992	17	.000120	.999949	17	.000445	.999775
18	.000006	.999998	18	.000036	.999986	18	.000154	.999929
19	.000002	1.000000	19	.000010	.999996	19	.000050	.999979
20	.000000	1.000001	20	.000003	.999999	20	.000015	.999994
			21	.000001	.999999	21	.000004	.999998
			22	.000000	1.000000	22	.000001	.999999
						23	.000000	.999999
						24	.000000	1.000000

50-100 BINOMIAL TABLES

n=
80

p=.10			p=.11			p=.12		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
0	.000218	.000218	0	.000089	.000089	0	.000036	.000036
1	.001942	.002160	1	.000884	.000973	1	.000395	.000431
2	.008523	.010684	2	.004314	.005287	2	.002127	.002558
3	.024623	.035306	3	.013863	.019151	3	.007540	.010098
4	.052665	.087971	4	.032984	.052134	4	.019792	.029890
5	.088945	.176917	5	.061965	.114100	5	.041024	.070914
6	.123535	.300452	6	.095733	.209833	6	.069928	.140842
7	.145105	.445556	7	.125083	.334915	7	.100805	.241647
8	.147120	.592676	8	.141070	.475985	8	.125433	.367080
9	.130773	.723449	9	.139484	.615469	9	.136836	.503917
10	.103166	.826615	10	.122402	.737871	10	.132482	.636399
11	.072945	.899560	11	.096271	.834142	11	.114964	.751363
12	.046604	.946164	12	.068417	.902559	12	.090142	.841505
13	.027086	.973250	13	.044232	.946791	13	.064297	.905803
14	.014403	.987653	14	.026163	.972953	14	.041960	.947763
15	.007041	.994695	15	.014228	.987181	15	.025176	.972939
16	.003178	.997873	16	.007144	.994325	16	.013947	.986886
17	.001330	.999202	17	.003324	.997649	17	.007160	.994046
18	.000517	.999719	18	.001438	.999087	18	.003417	.997463
19	.000187	.999907	19	.000580	.999667	19	.001521	.999884
20	.000064	.999970	20	.000219	.999885	20	.000632	.999616
21	.000020	.999991	21	.000077	.999963	21	.000246	.999863
22	.000006	.999997	22	.000026	.999988	22	.000090	.999953
23	.000002	.999998	23	.000008	.999996	23	.000031	.999984
24	.000000	.999999	24	.000002	.999999	24	.000010	.999994
			25	.000001	.999999	25	.000003	.999997
			26	.000000	.999999	26	.000001	.999998
						27	.000000	.999998

n=
80

50-100 BINOMIAL TABLES

p=.13			p=.14			p=.15		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
0	.000015	.000015	0	.000006	.000006	0	.000002	.000002
1	.000173	.000188	1	.000075	.000081	1	.000032	.000034
2	.001023	.001211	2	.000482	.000562	2	.000222	.000256
3	.003976	.005188	3	.002039	.002601	3	.001019	.001275
4	.011437	.016625	4	.006390	.008991	4	.003462	.004737
5	.025977	.042602	5	.015811	.024802	5	.009286	.014023
6	.048521	.091123	6	.032174	.056976	6	.020483	.034506
7	.076645	.167769	7	.055368	.112344	7	.038212	.072718
8	.104507	.272275	8	.082248	.194592	8	.061532	.134250
9	.124927	.397202	9	.107113	.301705	9	.086869	.221119
10	.132538	.529740	10	.123803	.425509	10	.108842	.329961
11	.126029	.655769	11	.128253	.553761	11	.122229	.452190
12	.108283	.764052	12	.120051	.673812	12	.124027	.576217
13	.084635	.848687	13	.102226	.776037	13	.114486	.690703
14	.060523	.909210	14	.079641	.855678	14	.096688	.787391
15	.039792	.949002	15	.057045	.912723	15	.075075	.862466
16	.024155	.973158	16	.037726	.950449	16	.053822	.916289
17	.013588	.986746	17	.023121	.973570	17	.035757	.952046
18	.007107	.993853	18	.013173	.986743	18	.022085	.974131
19	.003465	.997318	19	.006998	.993741	19	.012718	.986849
20	.001579	.998897	20	.003475	.997216	20	.006845	.993695
21	.000674	.999571	21	.001616	.998832	21	.003451	.997146
22	.000270	.999842	22	.000706	.999537	22	.001633	.998779
23	.000102	.999943	23	.000290	.999827	23	.000727	.999506
24	.000036	.999979	24	.000112	.999939	24	.000305	.999811
25	.000012	.999992	25	.000041	.999980	25	.000120	.999931
26	.000004	.999995	26	.000014	.999994	26	.000045	.999976
27	.000001	.999996	27	.000005	.999998	27	.000016	.999992
28	.000000	.999997	28	.000001	1.000000	28	.000005	.999998
			29	.000000	1.000001	29	.000002	.999999
						30	.000001	1.000000
						31	.000000	1.000000

50-100 BINOMIAL TABLES

n=
80

p=.16		
x	Individual Term	Cumulative (x or less)
0	.000001	.000001
1	.000013	.000014
2	.000100	.000115
3	.000497	.000612
4	.001823	.002435
5	.005278	.007713
6	.012567	.020280
7	.025305	.045585
8	.043982	.089567
9	.067021	.156588
10	.090638	.247226
11	.109864	.357090
12	.120327	.477417
13	.119886	.597304
14	.109284	.706588
15	.091591	.798179
16	.070874	.869052
17	.050823	.919875
18	.033882	.953757
19	.021059	.974816
20	.012234	.987050
21	.006658	.993709
22	.003401	.997110
23	.001634	.998744
24	.000739	.999483
25	.000315	.999798
26	.000127	.999925
27	.000048	.999973
28	.000017	.999991
29	.000006	.999997
30	.000002	.999999
31	.000001	.999999
32	.000000	1.000000

p=.17		
x	Individual Term	Cumulative (x or less)
1	.000006	.000006
2	.000045	.000050
3	.000237	.000288
4	.000935	.001223
5	.002911	.004134
6	.007453	.011586
7	.016137	.027723
8	.030160	.057883
9	.049418	.107301
10	.071865	.179166
11	.093668	.272834
12	.110314	.383147
13	.118186	.501333
14	.115847	.617180
15	.104402	.721582
16	.086870	.808452
17	.066984	.875436
18	.048019	.923455
19	.032094	.955549
20	.020049	.975598
21	.011733	.987331
22	.006445	.993775
23	.003329	.997104
24	.001619	.998723
25	.000743	.999466
26	.000322	.999788
27	.000132	.999920
28	.000051	.999971
29	.000019	.999990
30	.000007	.999996
31	.000002	.999998
32	.000001	.999999
33	.000000	.999999

p=.18		
x	Individual Term	Cumulative (x or less)
1	.000002	.000002
2	.000019	.000021
3	.000111	.000132
4	.000468	.000600
5	.001561	.002161
6	.004283	.006444
7	.009938	.016382
8	.019906	.036288
9	.034957	.071245
10	.054482	.125727
11	.076106	.201833
12	.096060	.297893
13	.110298	.408192
14	.115871	.524062
15	.111914	.635976
16	.099801	.735778
17	.082476	.818254
18	.063366	.881619
19	.045389	.927008
20	.030388	.957396
21	.019059	.976455
22	.011220	.987675
23	.006211	.993886
24	.003238	.997124
25	.001592	.998716
26	.000739	.999455
27	.000325	.999780
28	.000135	.999915
29	.000053	.999968
30	.000020	.999988
31	.000007	.999995
32	.000002	.999997
33	.000001	.999998
34	.000000	.999998

n=80

50-100 BINOMIAL TABLES

p=.19			p=.20			p=.21		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
1	.000001	.000001	1	.000000	.000000	2	.000001	.000002
2	.000008	.000009	2	.000003	.000004	3	.000010	.000012
3	.000051	.000060	3	.000023	.000027	4	.000051	.000063
4	.000229	.000288	4	.000109	.000136	5	.000206	.000269
5	.000815	.001103	5	.000415	.000550	6	.000685	.000953
6	.002389	.003492	6	.001296	.001847	7	.001924	.002878
7	.005925	.009417	7	.003426	.005272	8	.004668	.007546
8	.012681	.022098	8	.007815	.013088	9	.009927	.017472
9	.023797	.045895	9	.015630	.028718	10	.018735	.036207
10	.039632	.085527	10	.027743	.056461	11	.031692	.067899
11	.059159	.144636	11	.044137	.100598	12	.048440	.116339
12	.079792	.224478	12	.063447	.164045	13	.067354	.183693
13	.097902	.322380	13	.082969	.247014	14	.085685	.269378
14	.109902	.432282	14	.099267	.346281	15	.100219	.369596
15	.113430	.545711	15	.109194	.455475	16	.108226	.477823
16	.108091	.653802	16	.110900	.566374	17	.108307	.586130
17	.095453	.749255	17	.104376	.670750	18	.100767	.686896
18	.078366	.827621	18	.091329	.762080	19	.087407	.774303
19	.059984	.887604	19	.074505	.836585	20	.070866	.845170
20	.042914	.930518	20	.056810	.893395	21	.053822	.898992
21	.028761	.959279	21	.040579	.933974	22	.038369	.937361
22	.018093	.977372	22	.027206	.961180	23	.025720	.963082
23	.010702	.988074	23	.017152	.978332	24	.016238	.979320
24	.005962	.994036	24	.010184	.988516	25	.009669	.988989
25	.003133	.997169	25	.005703	.994219	26	.005437	.994425
26	.001554	.998723	26	.003016	.997235	27	.002891	.997316
27	.000729	.999452	27	.001508	.998743	28	.001454	.998770
28	.000324	.999776	28	.000714	.999456	29	.000693	.999464
29	.000136	.999912	29	.000320	.999776	30	.000313	.999777
30	.000054	.999966	30	.000136	.999912	31	.000134	.999911
31	.000021	.999987	31	.000055	.999967	32	.000055	.999966
32	.000007	.999994	32	.000021	.999988	33	.000021	.999987
33	.000003	.999997	33	.000008	.999996	34	.000008	.999995
34	.000001	.999998	34	.000003	.999998	35	.000003	.999997
35	.000000	.999998	35	.000001	.999999	36	.000001	.999998
			36	.000000	1.000000	37	.000000	.999999

50-100 BINOMIAL TABLES

n-
80

p=.22			p=.23			p=.24		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
2	.000001	.000001	3	.000002	.000002	3	.000001	.000001
3	.000004	.000005	4	.000010	.000013	4	.000005	.000005
4	.000023	.000028						
5	.000100	.000128	5	.000047	.000060	5	.000022	.000027
6	.000353	.000481	6	.000177	.000237	6	.000087	.000114
7	.001052	.001533	7	.000560	.000797	7	.000290	.000405
8	.002706	.004239	8	.001525	.002322	8	.000837	.001241
9	.006107	.010346	9	.003645	.005967	9	.002113	.003355
10	.012229	.022575	10	.007730	.013697	10	.004738	.008093
11	.021950	.044526	11	.014694	.028391	11	.009522	.017615
12	.035599	.080125	12	.025237	.053628	12	.017290	.034905
13	.052521	.132646	13	.039431	.093059	13	.028560	.063465
14	.070893	.203539	14	.056367	.149426	14	.043162	.106626
15	.087981	.291520	15	.074082	.223507	15	.059972	.166599
16	.100811	.392331	16	.089896	.313404	16	.076938	.243537
17	.107045	.499376	17	.101090	.414494	17	.091468	.335005
18	.105673	.605048	18	.105685	.520180	18	.101096	.436101
19	.097259	.702307	19	.103013	.623192	19	.104177	.540277
20	.083668	.785975	20	.093848	.717041	20	.100339	.640616
21	.067424	.853399	21	.080093	.797134	21	.090531	.731147
22	.051000	.904400	22	.064160	.861294	22	.076670	.807817
23	.036275	.940674	23	.048328	.909622	23	.061055	.868872
24	.024299	.964974	24	.034285	.943907	24	.045791	.914664
25	.015352	.980326	25	.022940	.966846	25	.032391	.947055
26	.009160	.989486	26	.014495	.981341	26	.021638	.968693
27	.005167	.994653	27	.008659	.990000	27	.013666	.982359
28	.002759	.997411	28	.004896	.994896	28	.008169	.990528
29	.001395	.998806	29	.002622	.997518	29	.004626	.995153
30	.000669	.999475	30	.001332	.998850	30	.002483	.997637
31	.000304	.999780	31	.000642	.999491	31	.001265	.998901
32	.000131	.999911	32	.000293	.999785	32	.000612	.999513
33	.000054	.999965	33	.000127	.999912	33	.000281	.999794
34	.000021	.999986	34	.000053	.999965	34	.000123	.999917
35	.000008	.999994	35	.000021	.999986	35	.000051	.999967
36	.000003	.999997	36	.000008	.999993	36	.000020	.999988
37	.000001	.999999	37	.000003	.999996	37	.000008	.999995
38	.000000	.999998	38	.000001	.999997	38	.000003	.999998
			39	.000000	.999997	39	.000001	.999999
						40	.000000	.999999

n-
80

50-100 BINOMIAL TABLES

p=.25			p=.26			p=.27		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
4	.000002	.000002	4	.000001	.000001	5	.000002	.000002
5	.000010	.000012	5	.000004	.000005	6	.000009	.000011
6	.000042	.000054	6	.000020	.000025	7	.000035	.000046
7	.000147	.000201	7	.000073	.000098	8	.000118	.000164
8	.000447	.000648	8	.000233	.000330	9	.000350	.000514
9	.001192	.001839	9	.000654	.000984	10	.000918	.001432
10	.002820	.004659	10	.001631	.002615	11	.002160	.003592
11	.005982	.010641	11	.003647	.006262	12	.004595	.008187
12	.011465	.022106	12	.007368	.013531	13	.008889	.017076
13	.019990	.042097	13	.013542	.027173	14	.015734	.032810
14	.031890	.073986	14	.022770	.049943	15	.025606	.058416
15	.046771	.120758	15	.035201	.085144	16	.038475	.096891
16	.063336	.184094	16	.050245	.135389	17	.053573	.150464
17	.079481	.263574	17	.066461	.201850	18	.069351	.219815
18	.092728	.356302	18	.081729	.283579	19	.083702	.303516
19	.100862	.457163	19	.093704	.377283	20	.094422	.397939
20	.102543	.559706	20	.100415	.477698	21	.099781	.497719
21	.097660	.657365	21	.100803	.578501	22	.098973	.596693
22	.087302	.744667	22	.094982	.673483	23	.092312	.689005
23	.073384	.818051	23	.084156	.757639	24	.081089	.770094
24	.058096	.876147	24	.070225	.827864	25	.067182	.837275
25	.043378	.919525	25	.055269	.883132	26	.052563	.889839
26	.030587	.950112	26	.041078	.924210	27	.038882	.928721
27	.020391	.970503	27	.028866	.953076	28	.027221	.955943
28	.012866	.983369	28	.019197	.972273	29	.018053	.973996
29	.007690	.991059	29	.012095	.984368	30	.011351	.985347
30	.004358	.995417	30	.007224	.991592	31	.006772	.992119
31	.002343	.997760	31	.004094	.995686	32	.003835	.995954
32	.001196	.998956	32	.002203	.997888	33	.002063	.998017
33	.000580	.999536	33	.001126	.999014	34	.001055	.999072
34	.000267	.999803	34	.000547	.999561	35	.000513	.999585
35	.000117	.999920	35	.000252	.999813	36	.000237	.999822
36	.000049	.999969	36	.000111	.999924	37	.000104	.999926
37	.000019	.999988	37	.000046	.999970	38	.000044	.999970
38	.000007	.999995	38	.000018	.999989	39	.000017	.999987
39	.000003	.999998	39	.000007	.999996	40	.000007	.999994
40	.000001	.999999	40	.000003	.999998	41	.000002	.999996
41	.000000	.999999	41	.000001	.999999	42	.000001	.999997
			42	.000000	.999999	43	.000000	.999998

50-100 BINOMIAL TABLES

n-
80

p=.28		
x	Individual Term	Cumulative (x or less)
5	.000001	.000001
6	.000004	.000005
7	.000016	.000021
8	.000059	.000080
9	.000182	.000262
10	.000503	.000765
11	.001244	.002009
12	.002783	.004792
13	.005660	.010452
14	.010534	.020986
15	.018025	.039011
16	.028477	.067489
17	.041692	.109181
18	.056748	.165929
19	.072013	.237942
20	.085416	.323358
21	.094906	.418264
22	.098981	.517244
23	.097068	.614312
24	.089653	.703965
25	.078098	.782063
26	.064247	.846310
27	.049970	.896280
28	.036783	.933063
29	.025650	.958713
30	.016957	.975670
31	.010636	.986307
32	.006334	.992640
33	.003583	.996223
34	.001926	.998149
35	.000984	.999134
36	.000479	.999612
37	.000221	.999833
38	.000097	.999931
39	.000041	.999972
40	.000016	.999988
41	.000006	.999994
42	.000002	.999996
43	.000001	.999997
44	.000000	.999997

p=.29		
x	Individual Term	Cumulative (x or less)
6	.000002	.000002
7	.000008	.000010
8	.000028	.000038
9	.000093	.000131
10	.000268	.000399
11	.000697	.001096
12	.001638	.002734
13	.003499	.006233
14	.006840	.013074
15	.012293	.025367
16	.020398	.045765
17	.031366	.077131
18	.044841	.121972
19	.059765	.181737
20	.074454	.256191
21	.086888	.343079
22	.095176	.438255
23	.098032	.536287
24	.095098	.631385
25	.087008	.718393
26	.075178	.793571
27	.061413	.854984
28	.047481	.902464
29	.034774	.937239
30	.024146	.961385
31	.015907	.977292
32	.009949	.987241
33	.005911	.993152
34	.003337	.996489
35	.001792	.998281
36	.000915	.999196
37	.000444	.999640
38	.000205	.999845
39	.000090	.999936
40	.000038	.999974
41	.000015	.999989
42	.000006	.999994
43	.000002	.999996
44	.000001	.999997
45	.000000	.999997

p=.30		
x	Individual Term	Cumulative (x or less)
6	.000001	.000001
7	.000003	.000004
8	.000013	.000018
9	.000046	.000064
10	.000140	.000203
11	.000381	.000584
12	.000938	.001521
13	.002102	.003623
14	.004311	.007935
15	.008130	.016065
16	.014155	.030220
17	.022838	.053058
18	.034257	.087315
19	.047908	.135223
20	.062623	.197846
21	.076682	.274528
22	.088134	.362662
23	.095250	.457912
24	.096951	.554863
25	.093073	.647937
26	.084380	.732316
27	.072325	.804641
28	.058672	.863314
29	.045088	.908401
30	.032850	.941251
31	.022707	.963958
32	.014902	.978860
33	.009289	.988149
34	.005503	.993653
35	.003100	.996752
36	.001661	.998413
37	.000846	.999259
38	.000410	.999670
39	.000189	.999859
40	.000083	.999942
41	.000035	.999977
42	.000014	.999991
43	.000005	.999996
44	.000002	.999998
45	.000001	.999999
46	.000000	.999999

n=
80

50-100 BINOMIAL TABLES

p=.31		
x	Individual Term	Cumulative (x or less)
7	.000002	.000002
8	.000006	.000008
9	.000022	.000030
10	.000071	.000101
11	.000202	.000303
12	.000522	.000826
13	.001228	.002053
14	.002640	.004693
15	.005218	.009911
16	.009524	.019435
17	.016109	.035544
18	.025331	.060874
19	.037136	.098010
20	.050887	.148897
21	.065321	.214218
22	.078703	.292922
23	.089167	.382089
24	.095144	.477234
25	.095751	.572895
26	.091001	.663985
27	.081769	.745754
28	.069537	.815292
29	.056019	.871311
30	.042786	.914096
31	.031004	.945101
32	.021329	.966430
33	.013939	.980368
34	.008657	.989025
35	.005112	.994136
36	.002871	.997007
37	.001534	.998541
38	.000780	.999320
39	.000377	.999698
40	.000174	.999871
41	.000076	.999948
42	.000032	.999979
43	.000013	.999992
44	.000005	.999997
45	.000002	.999998
46	.000001	.999999
47	.000000	.999999

p=.32		
x	Individual Term	Cumulative (x or less)
7	.000001	.000001
8	.000003	.000004
9	.000010	.000014
10	.000035	.000049
11	.000105	.000154
12	.000283	.000437
13	.000697	.001135
14	.001571	.002705
15	.003253	.005958
16	.006218	.012176
17	.011016	.023192
18	.018144	.041337
19	.027863	.069199
20	.039991	.109190
21	.053769	.162959
22	.067859	.230818
23	.080528	.311346
24	.090002	.401348
25	.094872	.496220
26	.094443	.590663
27	.088888	.679551
28	.079177	.758728
29	.066811	.825539
30	.053449	.878987
31	.040568	.919555
32	.029233	.948788
33	.020010	.968798
34	.013017	.981815
35	.008051	.989866
36	.004736	.994601
37	.002650	.997251
38	.001411	.998663
39	.000715	.999378
40	.000345	.999723
41	.000158	.999881
42	.000069	.999950
43	.000029	.999979
44	.000011	.999991
45	.000004	.999995
46	.000002	.999996
47	.000001	.999997
48	.000000	.999997

p=.33		
x	Individual Term	Cumulative (x or less)
8	.000001	.000002
9	.000005	.000006
10	.000017	.000023
11	.000053	.000076
12	.000150	.000226
13	.000386	.000611
14	.000909	.001520
15	.001970	.003490
16	.003942	.007432
17	.007309	.014742
18	.012600	.027342
19	.020251	.047593
20	.030423	.078016
21	.042812	.120828
22	.056550	.177378
23	.070238	.247616
24	.082163	.329779
25	.090649	.420428
26	.094448	.514876
27	.093038	.607914
28	.086740	.694654
29	.076606	.771260
30	.064143	.835403
31	.050956	.886360
32	.038431	.924791
33	.027533	.952323
34	.018746	.971069
35	.012135	.983204
36	.007471	.990675
37	.004376	.995051
38	.002439	.997490
39	.001294	.998784
40	.000653	.999437
41	.000314	.999751
42	.000144	.999894
43	.000062	.999957
44	.000026	.999983
45	.000010	.999993
46	.000004	.999997
47	.000001	.999998
48	.000000	.999999

50-100 BINOMIAL TABLES

n=
80

p=.34

x	Individual Term	Cumulative (x or less)
8	.000001	.000001
9	.000002	.000003
10	.000008	.000011
11	.000026	.000037
12	.000077	.000114
13	.000208	.000321
14	.000512	.000833
15	.001160	.001993
16	.002428	.004421
17	.004708	.009129
18	.008489	.017617
19	.014269	.031887
20	.022420	.054307
21	.033000	.087307
22	.045590	.132897
23	.059225	.192122
24	.072461	.264584
25	.083616	.348200
26	.091120	.439320
27	.093881	.533202
28	.091544	.624746
29	.084561	.709308
30	.074055	.783363
31	.061532	.844895
32	.048538	.893433
33	.036370	.929803
34	.025900	.955702
35	.017536	.973238
36	.011292	.984530
37	.006918	.991447
38	.004032	.995480
39	.002237	.997717
40	.001181	.998898
41	.000594	.999492
42	.000284	.999776
43	.000129	.999905
44	.000056	.999961
45	.000023	.999984
46	.000009	.999993
47	.000003	.999997
48	.000001	.999998
49	.000000	.999998

p=.35

x	Individual Term	Cumulative (x or less)
9	.000001	.000001
10	.000004	.000005
11	.000012	.000017
12	.000039	.000056
13	.000109	.000165
14	.000280	.000445
15	.000664	.001109
16	.001453	.002562
17	.002945	.005507
18	.005551	.011058
19	.009753	.020811
20	.016017	.036828
21	.024642	.061470
22	.035585	.097055
23	.048319	.145374
24	.061792	.207166
25	.074531	.281697
26	.084895	.366591
27	.091425	.458016
28	.093183	.551200
29	.089970	.641170
30	.082357	.723527
31	.071526	.795053
32	.058975	.854027
33	.046190	.900217
34	.034381	.934598
35	.024331	.958930
36	.016377	.975306
37	.010487	.985793
38	.006390	.992183
39	.003705	.995888
40	.002045	.997933
41	.001074	.999007
42	.000537	.999544
43	.000256	.999800
44	.000116	.999916
45	.000050	.999965
46	.000020	.999986
47	.000008	.999994
48	.000003	.999997
49	.000001	.999998
50	.000000	.999998

p=.36

x	Individual Term	Cumulative (x or less)
9	.000000	.000001
10	.000002	.000002
11	.000006	.000008
12	.000019	.000027
13	.000056	.000082
14	.000149	.000232
15	.000370	.000602
16	.000845	.001447
17	.001790	.003237
18	.003524	.006762
19	.006469	.013231
20	.011099	.024330
21	.017837	.042167
22	.026908	.069075
23	.038168	.107244
24	.050991	.158234
25	.064248	.222483
26	.076449	.298932
27	.086005	.384937
28	.091573	.476510
29	.092362	.568872
30	.088321	.657193
31	.080130	.737323
32	.069018	.806342
33	.056469	.862811
34	.043909	.906720
35	.032461	.939182
36	.022824	.962006
37	.015268	.977274
38	.009718	.986992
39	.005887	.992879
40	.003394	.996273
41	.001863	.998136
42	.000973	.999109
43	.000484	.999592
44	.000229	.999821
45	.000103	.999924
46	.000044	.999968
47	.000018	.999986
48	.000007	.999993
49	.000003	.999995
50	.000001	.999996

n=
80

50-100 BINOMIAL TABLES

p=.37			p=.38			p=.39		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
10	.000001	.000001	10	.000000	.000000	11	.000001	.000001
11	.000003	.000004	11	.000001	.000002	12	.000002	.000003
12	.000009	.000013	12	.000004	.000006	13	.000006	.000009
13	.000028	.000040	13	.000013	.000019	14	.000019	.000028
14	.000078	.000118	14	.000039	.000058	15	.000054	.000082
15	.000200	.000318	15	.000106	.000164	16	.000141	.000223
16	.000478	.000797	16	.000263	.000427	17	.000339	.000562
17	.001058	.001854	17	.000607	.001035	18	.000759	.001321
18	.002174	.004028	18	.001303	.002337	19	.001583	.002904
19	.004166	.008194	19	.002606	.004943	20	.003087	.005991
20	.007463	.015657	20	.004871	.009814	21	.005639	.011630
21	.012522	.028179	21	.008530	.018343	22	.009668	.021298
22	.019723	.047902	22	.014020	.032363	23	.015587	.036885
23	.029211	.077113	23	.021669	.054032	24	.023669	.060554
24	.040744	.117857	24	.031542	.085574	25	.033897	.094450
25	.053601	.171458	25	.043304	.128879	26	.045844	.140294
26	.066592	.238051	26	.056145	.185024	27	.058620	.198914
27	.078220	.316270	27	.068823	.253848	28	.070941	.269855
28	.086955	.403225	28	.079845	.333692	29	.081328	.351183
29	.091572	.494797	29	.087749	.421441	30	.088394	.439576
30	.091426	.586223	30	.091429	.512870	31	.091152	.530728
31	.086604	.672828	31	.090382	.603252	32	.089237	.619965
32	.077884	.750711	32	.084824	.688077	33	.082986	.702951
33	.066533	.817244	33	.075621	.763697	34	.073343	.776295
34	.054015	.871259	34	.064069	.827767	35	.061629	.837924
35	.041693	.912953	35	.051610	.879377	36	.049253	.887176
36	.030608	.943561	36	.039540	.918916	37	.037447	.924623
37	.021377	.964938	37	.028819	.947735	38	.027092	.951715
38	.014207	.979145	38	.019987	.967723	39	.018653	.970368
39	.008985	.988131	39	.013193	.980915	40	.012224	.982592
40	.005409	.993540	40	.008288	.989203	41	.007625	.990217
41	.003099	.996639	41	.004956	.994159	42	.004527	.994743
42	.001690	.998329	42	.002820	.996979	43	.002558	.997301
43	.000877	.999206	43	.001528	.998507	44	.001375	.998676
44	.000433	.999640	44	.000787	.999294	45	.000703	.999379
45	.000204	.999843	45	.000386	.999681	46	.000342	.999721
46	.000091	.999934	46	.000180	.999861	47	.000158	.999879
47	.000039	.999973	47	.000080	.999940	48	.000070	.999949
48	.000016	.999988	48	.000034	.999974	49	.000029	.999978
49	.000006	.999994	49	.000013	.999987	50	.000012	.999989
50	.000002	.999997	50	.000005	.999993	51	.000004	.999994
51	.000001	.999997	51	.000002	.999994	52	.000002	.999995
52	.000000	.999998	52	.000001	.999995	53	.000001	.999996
			53	.000000	.999995	54	.000000	.999996

50-100 BINOMIAL TABLES

n=
80

p=.40

x	Individual Term	Cumulative (x or less)
11	.000000	.000000
12	.000001	.000001
13	.000003	.000004
14	.000009	.000013
15	.000027	.000040
16	.000073	.000114
17	.000184	.000298
18	.000429	.000727
19	.000934	.001662
20	.001900	.003561
21	.003619	.007180
22	.006470	.013650
23	.010877	.024526
24	.017221	.041747
25	.025717	.067464
26	.036267	.103732
27	.048357	.152088
28	.061021	.213110
29	.072945	.286055
30	.082671	.368726
31	.088894	.457620
32	.090746	.548365
33	.087996	.636361
34	.081094	.717455
35	.071054	.788509
36	.059212	.847720
37	.046942	.894663
38	.035413	.930076
39	.025425	.955500
40	.017373	.972874
41	.011300	.984174
42	.006995	.991169
43	.004121	.995290
44	.002310	.997600
45	.001232	.998832
46	.000625	.999457
47	.000301	.999759
48	.000138	.999897
49	.000060	.999957
50	.000025	.999982
51	.000010	.999992
52	.000004	.999995
53	.000001	.999997
54	.000000	.999997

p=.41

x	Individual Term	Cumulative (x or less)
13	.000001	.000002
14	.000004	.000006
15	.000013	.000019
16	.000037	.000056
17	.000097	.000153
18	.000236	.000390
19	.000536	.000926
20	.001136	.002061
21	.002255	.004316
22	.004202	.008518
23	.007363	.015881
24	.012153	.028034
25	.018917	.046951
26	.027809	.074760
27	.038649	.113409
28	.050838	.164248
29	.063347	.227595
30	.074836	.302431
31	.083878	.386309
32	.089254	.475563
33	.090216	.565779
34	.086664	.652443
35	.079151	.731594
36	.068754	.800349
37	.056818	.857166
38	.044679	.901845
39	.033436	.935281
40	.023816	.959097
41	.016147	.975244
42	.010419	.985663
43	.006398	.992061
44	.003739	.995800
45	.002079	.997879
46	.001099	.998978
47	.000552	.999530
48	.000264	.999794
49	.000120	.999914
50	.000052	.999966
51	.000021	.999987
52	.000008	.999995
53	.000003	.999998
54	.000001	.999999
55	.000000	.999999

p=.42

x	Individual Term	Cumulative (x or less)
13	.000001	.000001
14	.000002	.000003
15	.000006	.000009
16	.000018	.000027
17	.000050	.000077
18	.000126	.000203
19	.000299	.000502
20	.000659	.001161
21	.001364	.002525
22	.002649	.005174
23	.004837	.010012
24	.008320	.018332
25	.013495	.031826
26	.020672	.052499
27	.029939	.082437
28	.041037	.123474
29	.053284	.176759
30	.065595	.242353
31	.076612	.318966
32	.084951	.403917
33	.089478	.493394
34	.089568	.582963
35	.085244	.668207
36	.077161	.745368
37	.066446	.811814
38	.054447	.866262
39	.042460	.908722
40	.031516	.940237
41	.022265	.962503
42	.014971	.977474
43	.009581	.987055
44	.005834	.992889
45	.003380	.996268
46	.001862	.998130
47	.000975	.999106
48	.000486	.999592
49	.000230	.999821
50	.000103	.999924
51	.000044	.999968
52	.000018	.999986
53	.000007	.999993
54	.000002	.999995
55	.000001	.999996
56	.000000	.999996

n=80

50-100 BINOMIAL TABLES

p=.43			p=.44			p=.45		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
14	.000001	.000001	14	.000000	.000000	15	.000001	.000001
15	.000003	.000004	15	.000001	.000002	16	.000002	.000003
16	.000009	.000013	16	.000004	.000006	17	.000006	.000010
17	.000025	.000038	17	.000012	.000018	18	.000016	.000025
18	.000066	.000103	18	.000033	.000051	19	.000043	.000084
19	.000162	.000265	19	.000085	.000136	20	.000108	.000192
20	.000372	.000637	20	.000204	.000340	21	.000253	.000485
21	.000801	.001438	21	.000457	.000797	22	.000555	.000988
22	.001621	.003059	22	.000963	.001760	23	.001146	.002134
23	.003084	.006143	23	.001908	.003668	24	.002226	.004360
24	.005526	.011669	24	.003561	.007229	25	.004080	.008440
25	.009337	.021006	25	.006267	.013496	26	.007062	.015502
26	.014901	.035907	26	.010416	.023912	27	.011555	.027057
27	.022482	.058389	27	.016368	.040280	28	.017896	.044953
28	.032103	.090493	28	.024344	.064624	29	.026254	.071207
29	.043426	.133918	29	.034297	.098922	30	.036518	.107725
30	.055691	.189610	30	.045811	.144733	31	.048190	.155915
31	.067763	.257372	31	.058056	.202789	32	.060375	.216290
32	.078276	.335648	32	.069848	.272637	33	.071851	.288141
33	.085892	.421540	33	.079827	.352464	34	.081265	.369406
34	.089570	.511110	34	.086703	.439167	35	.087386	.456792
35	.088807	.599917	35	.089534	.528700	36	.089372	.546164
36	.083743	.683660	36	.087935	.616635	37	.086956	.633120
37	.075127	.758787	37	.082163	.698798	38	.080507	.713627
38	.064132	.822919	38	.073051	.771849	39	.070937	.784564
39	.052102	.875020	39	.061812	.833662	40	.059490	.844054
40	.040287	.915308	40	.049781	.883443	41	.047486	.891540
41	.029651	.944959	41	.038160	.921602	42	.036077	.927617
42	.020771	.965729	42	.027841	.949443	43	.026086	.953693
43	.013847	.979576	43	.019331	.968775	44	.017947	.971640
44	.008784	.988360	44	.012773	.981547	45	.011747	.983387
45	.005301	.993662	45	.008028	.989576	46	.007313	.990700
46	.003043	.996705	46	.004800	.994375	47	.004328	.995028
47	.001661	.998365	47	.002728	.997103	48	.002435	.997463
48	.000861	.999226	48	.001474	.998577	49	.001301	.998764
49	.000424	.999651	49	.000756	.999333	50	.000660	.9994
50	.000198	.999849	50	.000368	.999702	51	.000318	.9997
51	.000088	.999937	51	.000170	.999872	52	.000145	.9998
52	.000037	.999974	52	.000075	.999946	53	.000063	.9999
53	.000015	.999989	53	.000031	.999977	54	.000026	.9999
54	.000006	.999995	54	.000012	.999990	55	.000010	.9999
55	.000002	.999997	55	.000005	.999994	56	.000004	.9999
56	.000001	.999998	56	.000002	.999996	57	.000001	.9999
57	.000000	.999998	57	.000001	.999996	58	.000000	.9999
			58	.000000	.999996			

p=.46

x	Individual Term	Cumulative (x or less)
15	.000000	.000000
16	.000001	.000001
17	.000003	.000004
18	.000008	.000011
19	.000022	.000033
20	.000056	.000089
21	.000136	.000225
22	.000311	.000535
23	.000667	.001203
24	.001350	.002553
25	.002576	.005129
26	.004643	.009772
27	.007910	.017681
28	.012754	.030435
29	.019481	.049916
30	.028211	.078126
31	.038760	.116887
32	.050559	.167445
33	.062645	.230091
34	.073769	.303859
35	.082590	.386449
36	.087943	.474391
37	.089087	.563478
38	.085874	.649352
39	.078779	.728131
40	.068786	.796917
41	.057166	.854084
42	.045219	.899302
43	.034041	.933343
44	.024384	.957728
45	.016617	.974345
46	.010771	.985116
47	.006637	.991753
48	.003887	.995640
49	.002162	.997802
50	.001142	.998944
51	.000572	.999517
52	.000272	.999789
53	.000122	.999911
54	.000052	.999963
55	.000021	.999984
56	.000008	.999992
57	.000003	.999995
58	.000001	.999996
59	.000000	.999996

p=.47

x	Individual Term	Cumulative (x or less)
17	.000001	.000002
18	.000004	.000005
19	.000010	.000016
20	.000028	.000044
21	.000071	.000114
22	.000169	.000283
23	.000377	.000660
24	.000794	.001454
25	.001578	.003032
26	.002960	.005992
27	.005249	.011241
28	.008811	.020052
29	.014010	.034062
30	.021121	.055183
31	.030210	.085393
32	.041022	.126416
33	.052914	.179329
34	.066865	.244194
35	.075600	.319794
36	.083802	.403595
37	.088374	.491969
38	.088681	.580651
39	.084691	.665342
40	.076981	.742323
41	.066601	.808925
42	.054843	.863768
43	.042979	.906747
44	.032050	.938797
45	.022737	.961534
46	.015342	.976876
47	.009842	.986718
48	.006000	.992718
49	.003475	.996193
50	.001911	.998103
51	.000997	.999100
52	.000493	.999593
53	.000231	.999824
54	.000102	.999926
55	.000043	.999969
56	.000017	.999986
57	.000006	.999992
58	.000002	.999995
59	.000001	.999995
60	.000000	.999995
61	.000000	.999996

p=.48

x	Individual Term	Cumulative (x or less)
17	.000000	.000001
18	.000002	.000002
19	.000005	.000007
20	.000014	.000021
21	.000036	.000057
22	.000089	.000145
23	.000207	.000352
24	.000453	.000805
25	.000937	.001742
26	.001829	.003571
27	.003377	.006948
28	.005900	.012848
29	.009766	.022614
30	.015325	.037939
31	.022816	.060755
32	.032250	.093005
33	.043300	.136305
34	.055252	.191557
35	.067031	.258588
36	.077344	.335932
37	.084901	.420833
38	.088682	.509515
39	.088157	.597672
40	.083410	.681083
41	.075116	.756199
42	.064385	.820584
43	.052522	.873106
44	.040769	.913875
45	.030106	.943981
46	.021145	.965126
47	.014120	.979245
48	.008961	.988206
49	.005402	.993608
50	.003091	.996699
51	.001679	.998378
52	.000864	.999242
53	.000421	.999663
54	.000194	.999858
55	.000085	.999942
56	.000035	.999977
57	.000014	.999991
58	.000005	.999996
59	.000002	.999998
60	.000001	.999998
61	.000000	.999999

n=
80

50-100 BINOMIAL TABLES

p=.49

x	Individual Term	Cumulative (x or less)
18	.000001	.000001
19	.000002	.000003
20	.000006	.000010
21	.000018	.000027
22	.000045	.000072
23	.000110	.000182
24	.000250	.000433
25	.000539	.000972
26	.001096	.002067
27	.002105	.004173
28	.003829	.008002
29	.006596	.014598
30	.010774	.025372
31	.016696	.042069
32	.024563	.066632
33	.034328	.100960
34	.045592	.146551
35	.057571	.204122
36	.069141	.273264
37	.078998	.352262
38	.085887	.438148
39	.088866	.527015
40	.087516	.614530
41	.082033	.696563
42	.073186	.769750
43	.062140	.831889
44	.050205	.882094
45	.038589	.920683
46	.028210	.948893
47	.019607	.968499
48	.012951	.981450
49	.008126	.989576
50	.004841	.994417
51	.002736	.997153
52	.001466	.998619
53	.000744	.999363
54	.000357	.999720
55	.000162	.999883
56	.000070	.999952
57	.000028	.999980
58	.000011	.999991
59	.000004	.999995
60	.000001	.999996
61	.000000	.999997

p=.50

x	Individual Term	Cumulative (x or less)
18	.000000	.000000
19	.000001	.000001
20	.000003	.000004
21	.000008	.000013
22	.000022	.000035
23	.000057	.000092
24	.000134	.000226
25	.000301	.000526
26	.000636	.001162
27	.001272	.002434
28	.002407	.004841
29	.004317	.009158
30	.007338	.016496
31	.011836	.028332
32	.018124	.046456
33	.026362	.072818
34	.036441	.109259
35	.047894	.157153
36	.059868	.217021
37	.071194	.288216
38	.080562	.368777
39	.086759	.455536
40	.088928	.544464
41	.086759	.631223
42	.080562	.711785
43	.071194	.782979
44	.059868	.842847
45	.047894	.890741
46	.036441	.927133
47	.026362	.953545
48	.018124	.971668
49	.011836	.983504
50	.007338	.990842
51	.004317	.995159
52	.002407	.997566
53	.001272	.998838
54	.000636	.999474
55	.000301	.999775
56	.000134	.999909
57	.000057	.999965
58	.000022	.999988
59	.000008	.999996
60	.000003	.999999
61	.000001	1.000001
62	.000000	1.000001

50-100 BINOMIAL TABLES

n-
85

p=.01

x	Individual Term	Cumulative (x or less)
0	.425590	.425590
1	.365406	.790996
2	.155021	.946016
3	.043322	.989339
4	.008971	.998310
5	.001468	.999777
6	.000198	.999975
7	.000023	.999998
8	.000002	1.000000
9	.000000	1.000001

p=.02

x	Individual Term	Cumulative (x or less)
0	.179563	.179563
1	.311487	.491049
2	.266988	.758038
3	.150749	.908786
4	.063068	.971855
5	.020851	.992706
6	.005674	.998380
7	.001307	.999686
8	.000260	.999946
9	.000045	.999992
10	.000007	.999999
11	.000001	1.000000
12	.000000	1.000000

p=.03

x	Individual Term	Cumulative (x or less)
0	.075093	.075093
1	.197409	.272501
2	.256428	.528929
3	.219417	.748346
4	.139115	.887461
5	.069701	.957162
6	.028743	.985905
7	.010032	.995937
8	.003025	.998963
9	.000800	.999763
10	.000188	.999951
11	.000040	.999991
12	.000008	.999999
13	.000001	1.000000
14	.000000	1.000001

p=.04

x	Individual Term	Cumulative (x or less)
0	.031121	.031121
1	.110221	.141342
2	.192886	.334227
3	.222355	.556582
4	.189928	.746510
5	.128201	.874711
6	.071223	.945934
7	.033492	.979426
8	.013606	.993032
9	.004850	.997882
10	.001536	.999418
11	.000436	.999854
12	.000112	.999966
13	.000026	.999992
14	.000006	.999998
15	.000001	.999999
16	.000000	.999999

p=.05

x	Individual Term	Cumulative (x or less)
0	.012779	.012779
1	.057170	.069950
2	.126377	.196327
3	.184022	.380349
4	.198550	.578899
5	.169290	.748190
6	.118800	.866990
7	.070566	.937555
8	.036211	.973767
9	.016306	.990072
10	.006522	.996595
11	.002341	.998935
12	.000760	.999695
13	.000225	.999919
14	.000061	.999980
15	.000015	.999995
16	.000003	.999999
17	.000001	.999999
18	.000000	.999999

p=.06

x	Individual Term	Cumulative (x or less)
0	.005198	.005198
1	.028204	.033402
2	.075611	.109013
3	.133525	.242538
4	.174719	.417257
5	.180667	.597924
6	.153759	.751683
7	.110763	.862445
8	.068932	.931377
9	.037644	.969021
10	.018261	.987282
11	.007947	.995229
12	.003128	.998357
13	.001121	.999479
14	.000368	.999847
15	.000111	.999958
16	.000031	.999989
17	.000008	.999997
18	.000002	.999999
19	.000000	.999999

p=.07			p=.08			p=.09		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
0	.002094	.002094	0	.000836	.000836	0	.000330	.000330
1	.013399	.015494	1	.006176	.007011	1	.002774	.003104
2	.042359	.057853	2	.022555	.029566	2	.011524	.014628
3	.088211	.146064	3	.054262	.083828	3	.031532	.046159
4	.136110	.282174	4	.096728	.180556	4	.063930	.110089
5	.165966	.448140	5	.136261	.316817	5	.102428	.212517
6	.166561	.614701	6	.157983	.474800	6	.135070	.347586
7	.141487	.756188	7	.155039	.629840	7	.150760	.498347
8	.103833	.860021	8	.131446	.761286	8	.145376	.643723
9	.066865	.926887	9	.097791	.859077	9	.123011	.766733
10	.038250	.965136	10	.064627	.923704	10	.092461	.859194
11	.019630	.984766	11	.038316	.962021	11	.062349	.921542
12	.009111	.993877	12	.020547	.982567	12	.038026	.959568
13	.003851	.997728	13	.010033	.992600	13	.021118	.980687
14	.001491	.999219	14	.004487	.997087	14	.010741	.991428
15	.000531	.999750	15	.001847	.998933	15	.005028	.996456
16	.000175	.999925	16	.000703	.999636	16	.002176	.998632
17	.000053	.999978	17	.000248	.999884	17	.000873	.999506
18	.000015	.999994	18	.000081	.999965	18	.000326	.999832
19	.000004	.999998	19	.000025	.999990	19	.000114	.999946
20	.000001	.999999	20	.000007	.999997	20	.000037	.999983
21	.000000	.999999	21	.000002	.999999	21	.000011	.999994
			22	.000000	1.000000	22	.000003	.999998
						23	.000001	.999998
						24	.000000	.999999

50-100 BINOMIAL TABLES

n=
85

p=.10		
x	Individual Term	Cumulative (x or less)
0	.000129	.000129
1	.001218	.001347
2	.005686	.007033
3	.017479	.024512
4	.039813	.064325
5	.071663	.135988
6	.106167	.242155
7	.133130	.375285
8	.144224	.519509
9	.137102	.656612
10	.115775	.772387
11	.087708	.860095
12	.060097	.920192
13	.037496	.957688
14	.021426	.979114
15	.011269	.990383
16	.005478	.995861
17	.002470	.998331
18	.001037	.999368
19	.000406	.999774
20	.000149	.999923
21	.000051	.999974
22	.000017	.999991
23	.000005	.999996
24	.000001	.999997
25	.000000	.999998

p=.11		
x	Individual Term	Cumulative (x or less)
0	.000050	.000050
1	.000524	.000574
2	.002722	.003296
3	.009306	.012602
4	.023580	.036182
5	.047213	.083395
6	.077803	.161198
7	.108525	.269723
8	.130779	.400502
9	.138289	.538791
10	.129899	.668690
11	.109465	.778155
12	.083431	.861586
13	.057904	.919491
14	.036806	.956297
15	.021532	.977829
16	.011643	.989472
17	.005841	.995313
18	.002727	.998040
19	.001189	.999229
20	.000485	.999713
21	.000185	.999899
22	.000067	.999966
23	.000023	.999988
24	.000007	.999995
25	.000002	.999998
26	.000001	.999998
27	.000000	.999998

p=.12		
x	Individual Term	Cumulative (x or less)
0	.000019	.000019
1	.000221	.000240
2	.001268	.001508
3	.004784	.006292
4	.013372	.019664
5	.029540	.049204
6	.053709	.102914
7	.082657	.185570
8	.109896	.295466
9	.128212	.423678
10	.132874	.556552
11	.123540	.680092
12	.103886	.783978
13	.079549	.863527
14	.055788	.919314
15	.036008	.955323
16	.021482	.976805
17	.011890	.988695
18	.006125	.994820
19	.002945	.997765
20	.001325	.999090
21	.000559	.999650
22	.000222	.999872
23	.000083	.999955
24	.000029	.999984
25	.000010	.999994
26	.000003	.999997
27	.000001	.999998
28	.000000	.999998

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50-100 BINOMIAL TABLES

p=.13			p=.14			p=.15		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
0	.000007	.000007	0	.000003	.000003	0	.000001	.000001
1	.000092	.000099	1	.000037	.000040	1	.000015	.000016
2	.000576	.000675	2	.000256	.000296	2	.000111	.000127
3	.002383	.003058	3	.001153	.001449	3	.000544	.000671
4	.007298	.010356	4	.003848	.005298	4	.001966	.002637
5	.017667	.028023	5	.010149	.015446	5	.005622	.008259
6	.035198	.063220	6	.022028	.037474	6	.013227	.021486
7	.059356	.122576	7	.040470	.077945	7	.026344	.047830
8	.080476	.209052	8	.064235	.142180	8	.045327	.093157
9	.110552	.319605	9	.089464	.231644	9	.068434	.161591
10	.125547	.445151	10	.110686	.342329	10	.091783	.253374
11	.127908	.573059	11	.122854	.465183	11	.110434	.363808
12	.117862	.690921	12	.123330	.588513	12	.120178	.483985
13	.098895	.789816	13	.112740	.701253	13	.119090	.603076
14	.075998	.865815	14	.094387	.795640	14	.108082	.711157
15	.053752	.919567	15	.072729	.868369	15	.090280	.801438
16	.035140	.954706	16	.051798	.920168	16	.069702	.871139
17	.021312	.976018	17	.034225	.954393	17	.049925	.921064
18	.012030	.988049	18	.021048	.975441	18	.033283	.954347
19	.006339	.994388	19	.012083	.987524	19	.020712	.975059
20	.003126	.997514	20	.006491	.994015	20	.012062	.987120
21	.001446	.998959	21	.003271	.997285	21	.006588	.993709
22	.000628	.999588	22	.001549	.998834	22	.003382	.997091
23	.000257	.999845	23	.000691	.999525	23	.001635	.998726
24	.000099	.999944	24	.000290	.999815	24	.000745	.999471
25	.000036	.999980	25	.000115	.999931	25	.000321	.999792
26	.000012	.999993	26	.000043	.999974	26	.000131	.999923
27	.000004	.999997	27	.000015	.999989	27	.000050	.999973
28	.000001	.999998	28	.000005	.999995	28	.000018	.999991
29	.000000	.999999	29	.000002	.999996	29	.000006	.999998
			30	.000001	.999997	30	.000002	1.000000
			31	.000000	.999997	31	.000001	1.000001

50-100 BINOMIAL TABLES

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p=.16			p=.17			p=.18		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
0	.000000	.000000	1	.000002	.000002	1	.000001	.000001
1	.000006	.000006	2	.000020	.000022	2	.000008	.000009
2	.000047	.000054	3	.000112	.000135	3	.000049	.000058
3	.000250	.000304	4	.000472	.000606	4	.000222	.000280
4	.000976	.001280	5	.001565	.002171	5	.000790	.001070
5	.003012	.004292	6	.004273	.006443	6	.002311	.003381
6	.007649	.011941	7	.009876	.016320	7	.005725	.009105
7	.016443	.028384	8	.019723	.036042	8	.012252	.021358
8	.030537	.058921	9	.034561	.070604	9	.023010	.044368
9	.049765	.108686	10	.053799	.124403	10	.038388	.082755
10	.072040	.180726	11	.075130	.199533	11	.057454	.140209
11	.093559	.274285	12	.094893	.294426	12	.077773	.217982
12	.109894	.384179	13	.109140	.403566	13	.095866	.313849
13	.117543	.501722	14	.114964	.518530	14	.108225	.422074
14	.115144	.616866	15	.111455	.629985	15	.112449	.534523
15	.103812	.720678	16	.099873	.729857	16	.107992	.642515
16	.086510	.807188	17	.083027	.812884	17	.096217	.738731
17	.066882	.874070	18	.064243	.877127	18	.079789	.818521
18	.048127	.922196	19	.046400	.923527	19	.061763	.880283
19	.032326	.954522	20	.031362	.954889	20	.044740	.925023
20	.020319	.974841	21	.019882	.974771	21	.030398	.955422
21	.011979	.986820	22	.011847	.986618	22	.019412	.974833
22	.006638	.993458	23	.006646	.993264	23	.011672	.986505
23	.003463	.996922	24	.003517	.996781	24	.006619	.993124
24	.001704	.998626	25	.001757	.998538	25	.003545	.996669
25	.000792	.999413	26	.000831	.999369	26	.001796	.998465
26	.000343	.999766	27	.000372	.999741	27	.000861	.999326
27	.000145	.999911	28	.000158	.999898	28	.000392	.999718
28	.000057	.999968	29	.000064	.999962	29	.000169	.999887
29	.000021	.999989	30	.000024	.999986	30	.000069	.999956
30	.000008	.999997	31	.000009	.999995	31	.000027	.999983
31	.000003	.999999	32	.000003	.999998	32	.000010	.999993
32	.000001	1.000000	33	.000001	.999999	33	.000004	.999997
			34	.000000	.999999	34	.000001	.999998
						35	.000000	.999998

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50-100 BINOMIAL TABLES

p=.19			p=.20			p=.21		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
2	.000003	.000004	2	.000001	.000001	2	.000001	.000001
3	.000021	.000025	3	.000009	.000010	3	.000004	.000004
4	.000102	.000127	4	.000046	.000056	4	.000020	.000024
5	.000388	.000515	5	.000185	.000242	5	.000087	.000111
6	.001212	.001727	6	.000618	.000860	6	.000307	.000418
7	.003210	.004937	7	.001744	.002604	7	.000920	.001338
8	.007341	.012277	8	.004251	.006855	8	.002385	.003722
9	.014732	.027009	9	.009093	.015949	9	.005423	.009145
10	.026263	.053272	10	.017277	.033226	10	.010956	.020101
11	.042003	.095275	11	.029450	.062676	11	.019857	.039958
12	.060757	.156032	12	.045402	.108078	12	.032550	.072509
13	.080028	.236060	13	.063738	.171816	13	.048588	.121097
14	.096542	.332602	14	.081948	.253764	14	.066424	.187520
15	.107190	.439792	15	.096972	.350736	15	.083576	.271097
16	.110002	.549793	16	.106063	.456799	16	.097197	.368294
17	.104729	.654522	17	.107623	.564422	17	.104869	.473163
18	.092805	.747328	18	.101644	.666066	18	.105311	.578474
19	.076765	.824093	19	.089607	.755673	19	.098716	.677191
20	.059422	.883514	20	.073926	.829599	20	.086595	.763786
21	.043143	.926657	21	.057205	.886804	21	.071249	.835035
22	.029440	.956097	22	.041603	.928407	22	.055097	.890132
23	.018915	.975012	23	.028489	.956896	23	.040118	.930250
24	.011462	.986474	24	.018399	.975295	24	.027549	.957799
25	.006560	.993034	25	.011224	.986519	25	.017869	.975668
26	.003551	.996586	26	.006475	.992994	26	.010901	.986629
27	.001820	.998406	27	.003537	.996531	27	.006167	.992996
28	.000884	.999290	28	.001832	.998363	28	.003506	.996502
29	.000408	.999698	29	.000900	.999263	29	.001832	.998334
30	.000179	.999876	30	.000420	.999683	30	.000909	.999243
31	.000074	.999951	31	.000186	.999870	31	.000429	.999671
32	.000029	.999980	32	.000079	.999948	32	.000192	.999864
33	.000011	.999991	33	.000032	.999980	33	.000082	.999946
34	.000004	.999995	34	.000012	.999992	34	.000033	.999979
35	.000001	.999997	35	.000004	.999996	35	.000013	.999992
36	.000000	.999997	36	.000002	.999998	36	.000005	.999997
			37	.000001	.999998	37	.000002	.999999
			38	.000000	.999999	38	.000001	.999999
						39	.000000	.999999

50-100 BINOMIAL TABLES

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p=.22

x	Individual Term	Cumulative (x or less)
2	.000000	.000000
3	.000001	.000002
4	.000009	.000010
5	.000039	.000050
6	.000148	.000198
7	.000472	.000670
8	.001297	.001967
9	.003130	.005097
10	.006710	.011808
11	.012905	.024712
12	.022445	.047158
13	.035549	.082707
14	.051566	.134273
15	.068843	.203117
16	.084951	.288067
17	.097251	.385318
18	.103624	.488942
19	.103064	.592006
20	.095929	.687935
21	.083748	.771682
22	.068716	.840398
23	.053088	.893486
24	.038682	.932168
25	.026621	.958789
26	.017327	.976117
27	.010679	.986796
28	.006239	.993035
29	.003459	.996494
30	.001821	.998315
31	.000911	.999227
32	.000434	.999661
33	.000196	.999857
34	.000085	.999942
35	.000035	.999977
36	.000014	.999990
37	.000005	.999995
38	.000002	.999997
39	.000001	.999998
40	.000000	.999998

p=.23

x	Individual Term	Cumulative (x or less)
3	.000001	.000001
4	.000004	.000004
5	.000018	.000022
6	.000070	.000092
7	.000235	.000327
8	.000685	.001012
9	.001752	.002764
10	.003977	.006741
11	.008099	.014839
12	.014918	.029757
13	.025022	.054779
14	.038438	.093217
15	.054346	.147563
16	.071020	.218583
17	.086103	.304686
18	.097161	.401847
19	.102341	.504188
20	.100879	.605067
21	.093268	.698335
22	.081045	.779380
23	.066310	.845690
24	.051167	.896857
25	.037292	.934150
26	.025706	.959856
27	.016779	.976635
28	.010382	.987017
29	.006095	.993112
30	.003398	.996510
31	.001801	.998311
32	.000908	.999219
33	.000436	.999654
34	.000199	.999853
35	.000087	.999940
36	.000036	.999976
37	.000014	.999990
38	.000005	.999996
39	.000002	.999997
40	.000001	.999998
41	.000000	.999998

p=.24

x	Individual Term	Cumulative (x or less)
3	.000000	.000000
4	.000001	.000002
5	.000008	.000009
6	.000032	.000041
7	.000114	.000156
8	.000352	.000508
9	.000951	.001459
10	.002283	.003743
11	.004916	.008659
12	.009574	.018232
13	.016977	.035209
14	.027571	.062780
15	.041211	.103991
16	.056937	.160928
17	.072978	.233906
18	.087061	.320968
19	.096949	.417917
20	.101031	.518948
21	.098752	.617700
22	.090720	.708420
23	.078472	.786892
24	.064016	.850908
25	.049326	.900234
26	.035946	.936180
27	.024805	.960985
28	.016226	.977211
29	.010071	.987282
30	.005937	.993219
31	.003326	.996545
32	.001772	.998318
33	.000899	.999217
34	.000434	.999651
35	.000200	.999851
36	.000088	.999938
37	.000037	.999975
38	.000015	.999990
39	.000006	.999995
40	.000002	.999997
41	.000001	.999998
42	.000000	.999998

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50-100 BINOMIAL TABLES

p=.25			p=.26			p=.27		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
4	.000001	.000001	4	.000000	.000000	5	.000001	.000001
5	.000003	.000004	5	.000001	.000002	6	.000003	.000003
6	.000014	.000018	6	.000006	.000008	7	.000011	.000015
7	.000054	.000073	7	.000025	.000033	8	.000041	.000055
8	.000176	.000249	8	.000086	.000119	9	.000129	.000184
9	.000502	.000751	9	.000258	.000376	10	.000362	.000546
10	.001272	.002022	10	.000688	.001064	11	.000912	.001458
11	.002890	.004913	11	.001648	.002712	12	.002080	.003538
12	.005942	.010854	12	.003571	.006283	13	.004320	.007858
13	.011121	.021976	13	.007045	.013327	14	.008218	.016075
14	.019065	.041041	14	.012729	.026057	15	.014386	.030462
15	.030081	.071121	15	.021170	.047227	16	.023279	.053741
16	.043867	.114989	16	.032542	.079768	17	.034947	.088689
17	.059350	.174339	17	.046407	.126175	18	.048830	.137519
18	.074737	.249076	18	.061597	.187772	19	.063687	.201206
19	.087849	.336925	19	.076317	.264089	20	.077733	.278940
20	.096634	.433558	20	.088486	.352575	21	.088990	.367930
21	.099701	.533260	21	.096230	.448805	22	.095750	.463680
22	.096680	.629940	22	.098358	.547164	23	.097005	.560685
23	.088273	.718213	23	.094660	.641823	24	.092686	.653371
24	.076013	.794226	24	.085919	.727742	25	.083646	.737017
25	.061824	.856050	25	.073658	.801399	26	.071394	.808412
26	.047557	.903607	26	.059722	.861122	27	.057702	.866114
27	.034640	.938247	27	.045853	.906975	28	.044208	.910323
28	.023918	.962166	28	.033372	.940347	29	.032138	.942461
29	.015671	.977836	29	.023046	.963393	30	.022189	.964650
30	.009751	.987587	30	.015115	.978508	31	.014560	.979210
31	.005766	.993353	31	.009422	.987930	32	.009088	.988298
32	.003244	.996597	32	.005586	.993516	33	.005398	.993696
33	.001736	.998333	33	.003152	.996669	34	.003054	.996750
34	.000885	.999219	34	.001694	.998363	35	.001646	.998396
35	.000430	.999649	35	.000867	.999230	36	.000845	.999241
36	.000199	.999848	36	.000423	.999653	37	.000414	.999655
37	.000088	.999936	37	.000197	.999850	38	.000193	.999849
38	.000037	.999973	38	.000087	.999937	39	.000086	.999935
39	.000015	.999988	39	.000037	.999974	40	.000037	.999971
40	.000006	.999993	40	.000015	.999989	41	.000015	.999986
41	.000002	.999995	41	.000006	.999995	42	.000006	.999992
42	.000001	.999996	42	.000002	.999997	43	.000002	.999994
43	.000000	.999996	43	.000001	.999998	44	.000001	.999995
			44	.000000	.999998	45	.000000	.999995

50-100 BINOMIAL TABLES

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p=.28

x	Individual Term	Cumulative (x or less)
5	.000000	.000000
6	.000001	.000001
7	.000005	.000006
8	.000019	.000025
9	.000063	.000088
10	.000185	.000273
11	.000490	.000763
12	.001176	.001939
13	.002568	.004506
14	.005135	.009641
15	.009452	.019094
16	.016082	.035176
17	.025385	.060561
18	.037294	.097854
19	.051142	.148997
20	.065633	.214629
21	.079002	.293632
22	.089376	.383008
23	.095205	.478213
24	.095646	.573859
25	.090757	.664617
26	.081449	.746066
27	.069215	.815280
28	.055756	.871037
29	.042618	.913655
30	.030938	.944593
31	.021346	.965939
32	.014008	.979947
33	.008749	.988697
34	.005204	.993900
35	.002949	.996849
36	.001593	.998442
37	.000820	.999262
38	.000403	.999665
39	.000189	.999854
40	.000084	.999938
41	.000036	.999974
42	.000015	.999989
43	.000006	.999995
44	.000002	.999997
45	.000001	.999998
46	.000000	.999998

p=.29

x	Individual Term	Cumulative (x or less)
6	.000000	.000001
7	.000002	.000003
8	.000008	.000011
9	.000030	.000041
10	.000092	.000133
11	.000256	.000389
12	.000645	.001034
13	.001480	.002514
14	.003109	.005624
15	.006011	.011635
16	.010742	.022376
17	.017808	.040184
18	.027478	.067662
19	.039577	.107240
20	.053346	.160586
21	.067443	.228028
22	.080137	.308165
23	.089657	.397822
24	.094603	.492424
25	.094283	.586707
26	.088869	.675576
27	.079319	.754896
28	.067110	.822006
29	.053877	.875883
30	.041078	.916961
31	.029768	.946729
32	.020518	.967247
33	.013460	.980707
34	.008408	.989115
35	.005004	.994119
36	.002839	.996958
37	.001536	.998494
38	.000792	.999286
39	.000390	.999676
40	.000183	.999859
41	.000082	.999941
42	.000035	.999976
43	.000014	.999991
44	.000006	.999996
45	.000002	.999999
46	.000001	.999999
47	.000000	1.000000

p=.30

x	Individual Term	Cumulative (x or less)
6	.000000	.000000
7	.000001	.000001
8	.000004	.000005
9	.000014	.000019
10	.000045	.000063
11	.000130	.000193
12	.000344	.000537
13	.000828	.001366
14	.001826	.003191
15	.003703	.006894
16	.006944	.013838
17	.012078	.025916
18	.019555	.045471
19	.029553	.075025
20	.041797	.116822
21	.055445	.172267
22	.069126	.241393
23	.081148	.322541
24	.089843	.412383
25	.093950	.506333
26	.092917	.599250
27	.087018	.686268
28	.077250	.763518
29	.065073	.828591
30	.052058	.880650
31	.039584	.920233
32	.028627	.948861
33	.019705	.968565
34	.012916	.981481
35	.008066	.989547
36	.004801	.994348
37	.002725	.997073
38	.001475	.998548
39	.000762	.999310
40	.000375	.999685
41	.000177	.999862
42	.000079	.999941
43	.000034	.999975
44	.000014	.999989
45	.000005	.999994
46	.000002	.999996
47	.000001	.999997
48	.000000	.999997

n-
85

50-100 BINOMIAL TABLES

p=.31			p=.32			p=.33		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
8	.000002	.000002	8	.000001	.000001	9	.000001	.000001
9	.000006	.000008	9	.000003	.000004	10	.000004	.000006
10	.000021	.000029	10	.000010	.000013	11	.000015	.000020
11	.000064	.000094	11	.000031	.000044	12	.000044	.000064
12	.000178	.000272	12	.000090	.000134	13	.000122	.000187
13	.000450	.000722	13	.000238	.000372	14	.000309	.000496
14	.001040	.001762	14	.000575	.000947	15	.000721	.001217
15	.002212	.003974	15	.001282	.002229	16	.001553	.002770
16	.004348	.008322	16	.002639	.004868	17	.003105	.005875
17	.007928	.016250	17	.005040	.009908	18	.005778	.011653
18	.013456	.029706	18	.008960	.018868	19	.010035	.021689
19	.021318	.051024	19	.014869	.033736	20	.016131	.038000
20	.031606	.082630	20	.023090	.056827	21	.024867	.062867
21	.043952	.126582	21	.033633	.090459	22	.035630	.098197
22	.057445	.184026	22	.046043	.136502	23	.048070	.146566
23	.070693	.254719	23	.059349	.195851	24	.061163	.207730
24	.082048	.336767	24	.072150	.268001	25	.073505	.281235
25	.089943	.426710	25	.082845	.350846	26	.083548	.364783
26	.093252	.519962	26	.089967	.440813	27	.089921	.454704
27	.091550	.611513	27	.092515	.533328	28	.091743	.546446
28	.085201	.696714	28	.090183	.623511	29	.088815	.635262
29	.075237	.771951	29	.083415	.706926	30	.081657	.716919
30	.063097	.835048	30	.073274	.780200	31	.071356	.783275
31	.050295	.885343	31	.061178	.841378	32	.059308	.847584
32	.038131	.923475	32	.048582	.889960	33	.046916	.894499
33	.027514	.950989	33	.036718	.926678	34	.035341	.929840
34	.018906	.969895	34	.026427	.953105	35	.025364	.955205
35	.012377	.982271	35	.018121	.971226	36	.017351	.972556
36	.007723	.989994	36	.011844	.983070	37	.011318	.983874
37	.004595	.994589	37	.007381	.990451	38	.007041	.990915
38	.002608	.997197	38	.004388	.994839	39	.004180	.995095
39	.001412	.998609	39	.002488	.997327	40	.002367	.997462
40	.000729	.999339	40	.001347	.998674	41	.001280	.998742
41	.000360	.999698	41	.000696	.999369	42	.000660	.999402
42	.000169	.999868	42	.000343	.999712	43	.000325	.999728
43	.000076	.999944	43	.000161	.999874	44	.000153	.999880
44	.000033	.999976	44	.000072	.999946	45	.000069	.999949
45	.000013	.999990	45	.000031	.999977	46	.000029	.999978
46	.000005	.999995	46	.000013	.999990	47	.000012	.999990
47	.000002	.999997	47	.000005	.999995	48	.000005	.999995
48	.000001	.999997	48	.000002	.999997	49	.000002	.999997
49	.000000	.999998	49	.000001	.999998	50	.000001	.999997
			50	.000000	.999998	51	.000000	.999998

50-100 BINOMIAL TABLES

n=
85

p=.34

x	Individual Term	Cumulative (x or less)
9	.000000	.000001
10	.000002	.000003
11	.000007	.000009
12	.000021	.000030
13	.000061	.000091
14	.000161	.000253
15	.000394	.000646
16	.000887	.001534
17	.001855	.003389
18	.003611	.006999
19	.006559	.013558
20	.011150	.024709
21	.017779	.042488
22	.026644	.069132
23	.037597	.106729
24	.050034	.156763
25	.062891	.219654
26	.074766	.294420
27	.084164	.378584
28	.089812	.468396
29	.090938	.559334
30	.087447	.646781
31	.079925	.726705
32	.069480	.796186
33	.057485	.853671
34	.045292	.898962
35	.033998	.932960
36	.024325	.957286
37	.016595	.973881
38	.010799	.984680
39	.006704	.991384
40	.003972	.995356
41	.002246	.997601
42	.001212	.998813
43	.000624	.999438
44	.000307	.999745
45	.000144	.999889
46	.000065	.999953
47	.000028	.999981
48	.000011	.999992
49	.000004	.999997
50	.000002	.999998
51	.000001	.999999
52	.000000	.999999

p=.35

x	Individual Term	Cumulative (x or less)
10	.000001	.000001
11	.000003	.000004
12	.000010	.000014
13	.000030	.000043
14	.000082	.000125
15	.000209	.000334
16	.000492	.000826
17	.001075	.001902
18	.002187	.004089
19	.004153	.008242
20	.007380	.015623
21	.012301	.027923
22	.019268	.047191
23	.028419	.075610
24	.039531	.115141
25	.051938	.167079
26	.064538	.231616
27	.075938	.307554
28	.084700	.392254
29	.089642	.481896
30	.090102	.571998
31	.086078	.658076
32	.078215	.736291
33	.067640	.803931
34	.055704	.859635
35	.043706	.903341
36	.032686	.936028
37	.023308	.959336
38	.015854	.975189
39	.010288	.985477
40	.006370	.991847
41	.003765	.995612
42	.002124	.997736
43	.001144	.998880
44	.000588	.999468
45	.000288	.999756
46	.000135	.999891
47	.000060	.999951
48	.000026	.999977
49	.000010	.999987
50	.000004	.999992
51	.000001	.999993
52	.000001	.999994
53	.000000	.999994

p=.36

x	Individual Term	Cumulative (x or less)
10	.000000	.000000
11	.000001	.000002
12	.000004	.000006
13	.000014	.000020
14	.000040	.000061
15	.000108	.000168
16	.000265	.000433
17	.000605	.001038
18	.001285	.002323
19	.002550	.004873
20	.004733	.009605
21	.008240	.017845
22	.013483	.031328
23	.020774	.052103
24	.030188	.082291
25	.041433	.123723
26	.053783	.177506
27	.066108	.243614
28	.077028	.320642
29	.085162	.405804
30	.089420	.495225
31	.089240	.584465
32	.084708	.669173
33	.076526	.745699
34	.065835	.811534
35	.053961	.865496
36	.042157	.907653
37	.031404	.939057
38	.022314	.961371
39	.015126	.976497
40	.009785	.986281
41	.006041	.992322
42	.003560	.995882
43	.002002	.997884
44	.001075	.998960
45	.000551	.999511
46	.000270	.999780
47	.000126	.999906
48	.000056	.999962
49	.000024	.999986
50	.000010	.999995
51	.000004	.999999
52	.000001	1.000001
53	.000000	1.000001

p=.37			p=.38			p=.39		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
11	.000001	.000001	11	.000000	.000000	13	.000001	.000002
12	.000002	.000003	12	.000001	.000001	14	.000004	.000006
13	.000006	.000009	13	.000003	.000004	15	.000012	.000018
14	.000019	.000028	14	.000009	.000013	16	.000035	.000053
15	.000054	.000082	15	.000026	.000039	17	.000090	.000143
16	.000139	.000221	16	.000070	.000110	18	.000218	.000361
17	.000330	.000551	17	.000175	.000285	19	.000491	.000851
18	.000733	.001284	18	.000405	.000690	20	.001035	.001887
19	.001518	.002802	19	.000876	.001566	21	.002049	.003936
20	.002941	.005743	20	.001772	.003338	22	.003811	.007746
21	.005347	.011089	21	.003362	.006700	23	.006673	.014420
22	.009135	.020224	22	.005994	.012694	24	.011022	.025442
23	.014695	.034919	23	.010063	.022757	25	.017194	.042636
24	.022295	.057214	24	.015933	.038690	26	.025369	.068005
25	.031949	.089163	25	.023827	.062517	27	.035442	.103447
26	.043301	.132463	26	.033701	.096218	28	.046938	.150385
27	.055571	.188034	27	.045136	.141354	29	.058985	.209370
28	.067605	.255639	28	.057304	.198658	30	.070395	.279765
29	.078039	.333678	29	.069032	.267690	31	.079850	.359615
30	.085554	.419232	30	.078979	.346669	32	.086150	.445765
31	.089146	.508379	31	.085883	.432552	33	.088461	.534225
32	.088351	.596729	32	.088826	.521378	34	.086499	.620724
33	.083336	.680065	33	.087437	.608815	35	.080584	.701308
34	.074855	.754920	34	.081962	.690777	36	.071557	.772865
35	.064059	.818979	35	.073199	.763976	37	.060587	.833451
36	.052253	.871232	36	.062311	.826287	38	.048930	.882381
37	.040641	.911873	37	.050577	.876863	39	.037700	.920081
38	.030150	.942023	38	.039156	.916019	40	.027719	.947799
39	.021339	.963362	39	.028922	.944941	41	.019451	.967250
40	.014412	.977774	40	.020385	.965326	42	.013028	.980278
41	.009290	.987064	41	.013713	.979039	43	.008329	.988607
42	.005716	.992780	42	.008805	.987844	44	.005083	.993690
43	.003357	.996137	43	.005397	.993241	45	.002961	.996651
44	.001882	.998019	44	.003157	.996398	46	.001646	.998298
45	.001007	.999026	45	.001763	.998161	47	.000873	.999171
46	.000514	.999541	46	.000940	.999101	48	.000442	.999613
47	.000251	.999791	47	.000478	.999579	49	.000213	.999826
48	.000117	.999908	48	.000232	.999811	50	.000098	.999925
49	.000052	.999960	49	.000107	.999918	51	.000043	.999968
50	.000022	.999981	50	.000047	.999966	52	.000018	.999986
51	.000009	.999990	51	.000020	.999986	53	.000007	.999993
52	.000003	.999994	52	.000008	.999994	54	.000003	.999996
53	.000001	.999995	53	.000003	.999997	55	.000001	.999997
54	.000000	.999995	54	.000001	.999998	56	.000000	.999997
			55	.000000	.999998			

50-100 BINOMIAL TABLES

n-
85

p=.40			p=.41			p=.42		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
13	.000001	.000001	14	.000001	.000001	14	.000000	.000000
14	.000002	.000003	15	.000003	.000004	15	.000001	.000002
15	.000006	.000008	16	.000008	.000011	16	.000004	.000005
16	.000017	.000025	17	.000022	.000033	17	.000010	.000015
17	.000045	.000070	18	.000057	.000091	18	.000028	.000044
18	.000113	.000183	19	.000141	.000231	19	.000072	.000115
19	.000267	.000450	20	.000322	.000554	20	.000172	.000287
20	.000587	.001037	21	.000693	.001247	21	.000385	.000672
21	.001211	.002247	22	.001402	.002649	22	.000811	.001484
22	.002348	.004595	23	.002668	.005317	23	.001609	.003093
23	.004287	.008882	24	.004790	.010108	24	.003011	.006104
24	.007383	.016266	25	.008123	.018231	25	.005320	.011424
25	.012010	.028276	26	.013026	.031256	26	.008890	.020314
26	.018477	.046753	27	.019780	.051037	27	.014067	.034381
27	.026918	.073671	28	.028473	.079509	28	.021101	.055481
28	.037172	.110843	29	.038890	.118399	29	.030032	.085514
29	.048708	.159552	30	.050447	.168846	30	.040596	.126109
30	.060615	.220167	31	.062197	.231043	31	.052156	.178265
31	.071695	.291862	32	.072936	.303980	32	.063733	.241998
32	.080657	.372519	33	.081403	.385383	33	.074122	.316120
33	.086360	.458879	34	.086516	.471898	34	.082091	.398211
34	.088053	.546932	35	.087605	.559503	35	.086620	.484831
35	.085538	.632470	36	.084553	.644056	36	.087118	.571949
36	.079201	.711671	37	.077813	.721869	37	.083545	.655495
37	.069926	.781597	38	.068304	.790173	38	.076419	.731914
38	.058885	.840481	39	.057202	.847375	39	.066689	.798603
39	.047309	.887790	40	.045713	.893088	40	.055536	.854139
40	.036270	.924061	41	.034866	.927953	41	.044139	.898278
41	.026539	.950600	42	.025382	.953336	42	.033485	.931763
42	.018535	.969135	43	.017639	.970975	43	.024248	.956011
43	.012357	.981492	44	.011700	.982675	44	.016761	.972771
44	.007863	.989356	45	.007408	.990083	45	.011058	.983830
45	.004776	.994132	46	.004476	.994559	46	.006963	.990793
46	.002769	.996901	47	.002581	.997140	47	.004184	.994977
47	.001532	.998433	48	.001420	.998560	48	.002399	.997375
48	.000808	.999241	49	.000745	.999306	49	.001312	.998687
49	.000407	.999648	50	.000373	.999679	50	.000684	.999371
50	.000195	.999843	51	.000178	.999857	51	.000340	.999711
51	.000089	.999933	52	.000081	.999937	52	.000161	.999872
52	.000039	.999972	53	.000035	.999972	53	.000073	.999945
53	.000016	.999988	54	.000014	.999987	54	.000031	.999976
54	.000006	.999994	55	.000006	.999992	55	.000013	.999988
55	.000002	.999997	56	.000002	.999994	56	.000005	.999993
56	.000001	.999998	57	.000001	.999995	57	.000002	.999995
57	.000000	.999998	58	.000000	.999995	58	.000001	.999996
						59	.000000	.999996

p=.43			p=.44			p=.45		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
15	.000000	.000001	15	.000000	.000000	17	.000001	.000001
16	.000002	.000002	16	.000001	.000001	18	.000003	.000004
17	.000005	.000007	17	.000002	.000003	19	.000008	.000012
18	.000013	.000020	18	.000006	.000009	20	.000022	.000034
19	.000036	.000056	19	.000017	.000026	21	.000055	.000088
20	.000089	.000145	20	.000045	.000071	22	.000130	.000219
21	.000207	.000352	21	.000108	.000179	23	.000292	.000511
22	.000455	.000807	22	.000248	.000427	24	.000618	.001129
23	.000941	.001748	23	.000533	.000959	25	.001233	.002362
24	.001833	.003581	24	.001081	.002041	26	.002329	.004691
25	.003374	.006956	25	.002073	.004114	27	.004163	.008854
26	.005874	.012830	26	.003759	.007872	28	.007056	.015910
27	.009684	.022513	27	.006453	.014325	29	.011347	.027256
28	.015132	.037646	28	.010503	.024828	30	.017329	.044586
29	.022437	.060083	29	.016220	.041048	31	.025156	.069741
30	.031596	.091679	30	.023789	.064838	32	.034732	.104473
31	.042289	.133968	31	.033163	.098000	33	.045639	.150113
32	.053835	.187803	32	.043970	.141970	34	.057110	.207223
33	.065226	.253028	33	.055486	.197456	35	.068087	.275311
34	.075255	.328284	34	.066676	.264133	36	.077372	.352683
35	.082724	.411008	35	.076338	.340470	37	.083836	.436518
36	.086675	.497683	36	.083305	.423775	38	.086644	.523162
37	.086593	.584276	37	.086682	.510458	39	.085432	.608594
38	.082515	.666791	38	.086030	.596488	40	.080383	.688977
39	.075017	.741808	39	.081461	.677949	41	.072185	.761162
40	.065081	.806888	40	.073606	.751555	42	.061873	.823034
41	.053886	.860774	41	.063475	.815031	43	.050623	.873657
42	.042586	.903360	42	.052249	.867279	44	.039536	.913194
43	.032127	.935487	43	.041052	.908331	45	.029472	.942666
44	.023134	.958621	44	.030789	.939121	46	.020969	.963635
45	.015901	.974522	45	.022041	.961162	47	.014236	.977870
46	.010431	.984952	46	.015059	.976221	48	.009221	.987091
47	.006529	.991482	47	.009818	.986039	49	.005697	.992788
48	.003900	.995381	48	.006107	.992147	50	.003356	.996144
49	.002221	.997603	49	.003623	.995770	51	.001884	.998029
50	.001207	.998809	50	.002050	.997820	52	.001008	.999037
51	.000625	.999434	51	.001105	.998925	53	.000514	.999550
52	.000308	.999742	52	.000568	.999493	54	.000249	.999799
53	.000145	.999886	53	.000278	.999771	55	.000115	.999914
54	.000065	.999951	54	.000129	.999900	56	.000050	.999964
55	.000028	.999979	55	.000057	.999957	57	.000021	.999985
56	.000011	.999990	56	.000024	.999981	58	.000008	.999994
57	.000004	.999994	57	.000010	.999991	59	.000003	.999997
58	.000002	.999996	58	.000004	.999995	60	.000001	.999998
59	.000001	.999996	59	.000001	.999996	61	.000000	.999998
60	.000000	.999996	60	.000000	.999996			

50-100 BINOMIAL TABLES

n=
85

p=.46

x	Individual Term	Cumulative (x or less)
17	.000000	.000001
18	.000001	.000002
19	.000004	.000005
20	.000010	.000016
21	.000027	.000042
22	.000067	.000109
23	.000155	.000264
24	.000342	.000606
25	.000710	.001317
26	.001397	.002713
27	.002600	.005313
28	.004588	.009901
29	.007681	.017582
30	.012214	.029796
31	.018459	.048255
32	.026535	.074790
33	.036304	.111094
34	.047298	.158392
35	.058709	.217101
36	.069460	.286561
37	.078360	.364921
38	.084317	.449239
39	.086559	.535798
40	.084796	.620594
41	.079281	.699875
42	.070752	.770627
43	.060270	.830897
44	.049007	.879904
45	.038036	.917940
46	.028175	.946115
47	.019916	.966031
48	.013431	.979461
49	.008639	.988100
50	.005299	.993399
51	.003098	.996497
52	.001725	.998222
53	.000915	.999137
54	.000462	.999599
55	.000222	.999821
56	.000101	.999922
57	.000044	.999966
58	.000018	.999984
59	.000007	.999991
60	.000003	.999993
61	.000001	.999994
62	.000000	.999995

p=.47

x	Individual Term	Cumulative (x or less)
18	.000001	.000001
19	.000002	.000002
20	.000005	.000007
21	.000013	.000020
22	.000033	.000053
23	.000080	.000133
24	.000183	.000316
25	.000396	.000712
26	.000811	.001523
27	.001571	.003094
28	.002887	.005981
29	.005031	.011012
30	.008329	.019341
31	.013104	.032444
32	.019609	.052053
33	.027928	.079982
34	.037878	.117860
35	.048945	.166805
36	.060284	.227089
37	.070798	.297887
38	.079304	.377191
39	.084753	.461944
40	.086432	.548375
41	.084125	.632500
42	.078153	.710653
43	.069306	.779959
44	.058666	.838626
45	.047400	.886026
46	.036552	.922578
47	.026896	.949474
48	.018882	.968357
49	.012644	.981001
50	.008073	.989074
51	.004913	.993987
52	.002849	.996836
53	.001573	.998409
54	.000827	.999235
55	.000413	.999649
56	.000196	.999845
57	.000089	.999934
58	.000038	.999971
59	.000015	.999987
60	.000006	.999993
61	.000002	.999995
62	.000001	.999996
63	.000000	.999996

p=.48

x	Individual Term	Cumulative (x or less)
18	.000000	.000000
19	.000001	.000001
20	.000002	.000003
21	.000006	.000009
22	.000016	.000025
23	.000040	.000064
24	.000095	.000159
25	.000214	.000373
26	.000456	.000829
27	.000919	.001748
28	.001757	.003505
29	.003188	.006694
30	.005494	.012188
31	.008997	.021185
32	.014015	.035201
33	.020778	.055979
34	.029334	.085312
35	.039455	.124768
36	.050584	.175351
37	.061836	.237187
38	.072101	.309288
39	.080206	.389494
40	.085142	.474637
41	.086260	.560897
42	.083417	.644314
43	.077000	.721314
44	.067846	.789160
45	.057060	.846220
46	.045801	.892021
47	.035082	.927103
48	.025637	.952739
49	.017869	.970608
50	.011876	.982484
51	.007523	.990008
52	.004541	.994548
53	.002610	.997158
54	.001428	.998586
55	.000743	.999328
56	.000367	.999696
57	.000172	.999868
58	.000077	.999945
59	.000032	.999977
60	.000013	.999990
61	.000005	.999995
62	.000002	.999997
63	.000001	.999998
64	.000000	.999998

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50-100 BINOMIAL TABLES

p=.49

x	Individual Term	Cumulative (x or less)
20	.000001	.000001
21	.000003	.000004
22	.000007	.000011
23	.000019	.000030
24	.000048	.000078
25	.000112	.000190
26	.000248	.000437
27	.000520	.000957
28	.001035	.001992
29	.001954	.003947
30	.003505	.007452
31	.005975	.013427
32	.009687	.023114
33	.014948	.038062
34	.021965	.060028
35	.030752	.090779
36	.041036	.131815
37	.052213	.184028
38	.063367	.247395
39	.073371	.320766
40	.081067	.401833
41	.085487	.487320
42	.086046	.573366
43	.082672	.656038
44	.075819	.731857
45	.066371	.798227
46	.055450	.853678
47	.044208	.897885
48	.033625	.931510
49	.024395	.955905
50	.016875	.972780
51	.011127	.983907
52	.006990	.990897
53	.004182	.995079
54	.002381	.997460
55	.001289	.998749
56	.000664	.999413
57	.000324	.999737
58	.000150	.999888
59	.000066	.999954
60	.000028	.999981
61	.000011	.999992
62	.000004	.999996
63	.000001	.999997
64	.000000	.999998

p=.50

x	Individual Term	Cumulative (x or less)
20	.000000	.000001
21	.000001	.000002
22	.000003	.000005
23	.000009	.000014
24	.000023	.000037
25	.000056	.000093
26	.000130	.000224
27	.000285	.000508
28	.000589	.001097
29	.001158	.002256
30	.002162	.004418
31	.003836	.008254
32	.006474	.014728
33	.010397	.025125
34	.015902	.041027
35	.023171	.064198
36	.032182	.096380
37	.042619	.139000
38	.053835	.192835
39	.064878	.257713
40	.074610	.332322
41	.081889	.414211
42	.085788	.499999
43	.085788	.585788
44	.081889	.667676
45	.074610	.742286
46	.064878	.807164
47	.053835	.860999
48	.042619	.903619
49	.032182	.935801
50	.023171	.958972
51	.015902	.974873
52	.010397	.985271
53	.006474	.991744
54	.003836	.995581
55	.002162	.997743
56	.001158	.998901
57	.000589	.999491
58	.000285	.999775
59	.000130	.999905
60	.000056	.999962
61	.000023	.999985
62	.000009	.999994
63	.000003	.999997
64	.000001	.999998
65	.000000	.999999

50-100 BINOMIAL TABLES

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p=.01

x	Individual Term	Cumulative (x or less)
0	.404732	.404732
1	.367938	.772670
2	.165386	.938057
3	.049003	.987060
4	.010766	.997826
5	.001870	.999696
6	.000268	.999964
7	.000032	.999996
8	.000003	1.000000
9	.000000	1.000000

p=.02

x	Individual Term	Cumulative (x or less)
0	.162311	.162311
1	.298122	.460432
2	.270743	.731175
3	.162077	.893253
4	.071943	.965195
5	.025253	.990448
6	.007301	.997749
7	.001788	.999537
8	.000379	.999916
9	.000070	.999986
10	.000012	.999998
11	.000002	1.000000
12	.000000	1.000000

p=.03

x	Individual Term	Cumulative (x or less)
0	.064485	.064485
1	.179493	.243978
2	.247035	.491012
3	.224114	.715126
4	.150757	.865883
5	.080196	.946079
6	.035138	.981217
7	.013041	.994258
8	.004184	.998442
9	.001179	.999621
10	.000295	.999917
11	.000066	.999983
12	.000014	.999997
13	.000003	.999999
14	.000000	1.000000

p=.04

x	Individual Term	Cumulative (x or less)
0	.025375	.025375
1	.095157	.120533
2	.176438	.296970
3	.215646	.512616
4	.195429	.708045
5	.110058	.818103
6	.082673	.900776
7	.041336	.972112
8	.017869	.989981
9	.006784	.996765
10	.002290	.999055
11	.000694	.999748
12	.000190	.999939
13	.000048	.999986
14	.000011	.999997
15	.000002	.999999
16	.000000	1.000000

p=.05

x	Individual Term	Cumulative (x or less)
0	.009888	.009888
1	.046840	.056728
2	.109703	.166431
3	.169367	.335798
4	.193880	.529678
5	.175512	.705190
6	.130865	.836055
7	.082651	.918706
8	.045132	.963838
9	.021642	.985480
10	.009226	.994707
11	.003532	.998238
12	.001224	.999462
13	.000386	.999848
14	.000112	.999960
15	.000030	.999990
16	.000007	.999997
17	.000002	.999999
18	.000000	.999999
19	.000000	1.000000

p=.06

x	Individual Term	Cumulative (x or less)
0	.003815	.003815
1	.021917	.025732
2	.062252	.087984
3	.116558	.204542
4	.161817	.366358
5	.177654	.544012
6	.160645	.704657
7	.123047	.827704
8	.081486	.909189
9	.047389	.956578
10	.024501	.981079
11	.011374	.992453
12	.004779	.997233
13	.001830	.999063
14	.000643	.999706
15	.000208	.999913
16	.000062	.999976
17	.000017	.999993
18	.000004	.999997
19	.000001	.999998
20	.000000	.999999

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50-100 BINOMIAL TABLES

p=.07			p=.08			p=.09		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
0	.001457	.001457	0	.000551	.000551	0	.000206	.000206
1	.009870	.011327	1	.004310	.004860	1	.001833	.002039
2	.033060	.044387	2	.016677	.021537	2	.008067	.010106
3	.072992	.117379	3	.042538	.064075	3	.023404	.033510
4	.119495	.236874	4	.080452	.144527	4	.050345	.083855
5	.154701	.391574	5	.120328	.264855	5	.085641	.169496
6	.164959	.556533	6	.148230	.413085	6	.119992	.289488
7	.148995	.705528	7	.154675	.567760	7	.142408	.431896
8	.116352	.821880	8	.139544	.707304	8	.146124	.578020
9	.079792	.901673	9	.110556	.817860	9	.131672	.709692
10	.048648	.950320	10	.077870	.895730	10	.105483	.815175
11	.026630	.976951	11	.049246	.944976	11	.075872	.891047
12	.013196	.990146	12	.028192	.973168	12	.049400	.940446
13	.005959	.996106	13	.014709	.987876	13	.029314	.969761
14	.002467	.998573	14	.007035	.994911	14	.015946	.985706
15	.000941	.999514	15	.003099	.998010	15	.007990	.993697
16	.000332	.999846	16	.001263	.999274	16	.003704	.997401
17	.000109	.999954	17	.000478	.999752	17	.001595	.998996
18	.000033	.999988	18	.000169	.999920	18	.000640	.999635
19	.000009	.999997	19	.000056	.999976	19	.000240	.999875
20	.000003	1.000000	20	.000017	.999993	20	.000084	.999959
21	.000001	1.000001	21	.000005	.999998	21	.000028	.999987
22	.000000	1.000001	22	.000001	1.000000	22	.000009	.999996
			23	.000000	1.000000	23	.000003	.999998
						24	.000001	.999999
						25	.000000	.999999

50-100 BINOMIAL TABLES

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p=.10			p=.11			p=.12		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
0	.000076	.000076	0	.000028	.000028	0	.000010	.000010
1	.000762	.000838	1	.000310	.000338	1	.000124	.000134
2	.003767	.004604	2	.001705	.002043	2	.000751	.000884
3	.012276	.016881	3	.006181	.008224	3	.003003	.003887
4	.029667	.046548	4	.016616	.024840	4	.008905	.012793
5	.056698	.103246	5	.035324	.060164	5	.020887	.033680
6	.089246	.192492	6	.061849	.122013	6	.040351	.074031
7	.118995	.311487	7	.091732	.213745	7	.066028	.140059
8	.137175	.448661	8	.117628	.331373	8	.093415	.233474
9	.138868	.587530	9	.132460	.463833	9	.116061	.349536
10	.124981	.712511	10	.132609	.596441	10	.128195	.477731
11	.100995	.813506	11	.119199	.715640	11	.127135	.604866
12	.073876	.887382	12	.096988	.812629	12	.114133	.718999
13	.049251	.936633	13	.071924	.884553	13	.093381	.812380
14	.030098	.966730	14	.048892	.933445	14	.070036	.882417
15	.016944	.983674	15	.030617	.964062	15	.048389	.930805
16	.008825	.992499	16	.017738	.981800	16	.030930	.961735
17	.004268	.996768	17	.009543	.991343	17	.018360	.980095
18	.001923	.998691	18	.004784	.996127	18	.010153	.990248
19	.000810	.999501	19	.002240	.998367	19	.005247	.995495
20	.000319	.999820	20	.000983	.999350	20	.002540	.998035
21	.000118	.999938	21	.000405	.999755	21	.001155	.999189
22	.000041	.999980	22	.000157	.999912	22	.000494	.999683
23	.000014	.999993	23	.000057	.999970	23	.000199	.999882
24	.000004	.999997	24	.000020	.999989	24	.000076	.999958
25	.000001	.999999	25	.000006	.999996	25	.000027	.999985
26	.000000	.999999	26	.000002	.999998	26	.000009	.999995
			27	.000001	.999998	27	.000003	.999998
			28	.000000	.999999	28	.000001	.999999
						29	.000000	.999999

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50-100 BINOMIAL TABLES

p=.13			p=.14			p=.15		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
0	.000004	.000004	0	.000001	.000001	1	.000007	.000008
1	.000048	.000052	1	.000019	.000020	2	.000055	.000063
2	.000322	.000374	2	.000135	.000155	3	.000287	.000350
3	.001412	.001787	3	.000645	.000800	4	.001101	.001451
4	.004590	.006377	4	.002285	.003085	5	.003342	.004793
5	.011798	.018175	5	.006397	.009482	6	.008355	.013148
6	.024974	.043150	6	.014752	.024234	7	.017693	.030841
7	.044782	.087931	7	.028818	.053052	8	.032394	.063236
8	.069425	.157356	8	.048673	.101725	9	.052085	.115321
9	.094517	.251873	9	.072192	.173916	10	.074451	.189772
10	.114398	.366271	10	.095192	.269108	11	.095552	.285325
11	.124320	.490591	11	.112701	.381809	12	.111009	.396334
12	.122295	.612886	12	.120782	.502592	13	.117539	.513873
13	.109644	.722530	13	.117973	.620565	14	.114082	.627956
14	.090110	.812639	14	.105627	.726192	15	.102003	.729959
15	.068221	.880860	15	.087122	.813314	16	.084377	.814336
16	.047784	.928645	16	.066481	.879795	17	.064816	.879152
17	.031081	.959725	17	.047110	.926905	18	.046388	.925540
18	.018835	.978560	18	.031102	.958007	19	.031021	.956561
19	.010665	.989225	19	.019187	.977194	20	.019434	.975995
20	.005657	.994883	20	.011088	.988282	21	.011432	.987426
21	.002818	.997701	21	.006017	.994299	22	.006327	.993753
22	.001321	.999021	22	.003072	.997371	23	.003301	.997054
23	.000583	.999605	23	.001479	.998850	24	.001626	.998681
24	.000243	.999848	24	.000672	.999521	25	.000758	.999438
25	.000096	.999944	25	.000289	.999810	26	.000334	.999773
26	.000036	.999980	26	.000118	.999928	27	.000140	.999912
27	.000013	.999993	27	.000045	.999973	28	.000056	.999968
28	.000004	.999997	28	.000017	.999990	29	.000021	.999989
29	.000001	.999998	29	.000006	.999995	30	.000008	.999996
30	.000000	.999999	30	.000002	.999997	31	.000003	.999999
			31	.000001	.999998	32	.000001	1.000000
			32	.000000	.999998	33	.000000	1.000001

50-100 BINOMIAL TABLES

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p=.16			p=.17			p=.18		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
1	.000003	.000003	1	.000001	.000001	1	.000000	.000000
2	.000022	.000025	2	.000009	.000010	2	.000003	.000004
3	.000124	.000149	3	.000053	.000062	3	.000022	.000025
4	.000515	.000665	4	.000234	.000297	4	.000104	.000129
5	.001688	.002352	5	.000826	.001122	5	.000392	.000522
6	.004554	.006906	6	.002396	.003518	6	.001220	.001741
7	.010409	.017316	7	.005889	.009407	7	.003213	.004954
8	.020571	.037886	8	.012514	.021921	8	.007317	.012270
9	.035699	.073586	9	.023352	.045273	9	.014633	.026903
10	.055079	.128665	10	.038742	.084015	10	.026018	.052922
11	.076300	.204965	11	.057710	.141725	11	.041537	.094458
12	.095678	.300643	12	.077816	.219540	12	.060026	.154484
13	.109346	.409989	13	.095629	.315169	13	.079058	.233543
14	.114553	.524542	14	.107726	.422895	14	.095449	.328991
15	.110553	.635094	15	.111793	.534688	15	.106157	.435149
16	.098708	.733802	16	.107331	.642020	16	.109232	.544381
17	.081842	.815643	17	.095693	.737713	17	.104374	.648754
18	.063222	.878865	18	.079488	.817201	18	.092918	.741672
19	.045634	.924499	19	.061695	.878896	19	.077293	.818965
20	.030857	.955356	20	.044859	.923755	20	.060232	.879197
21	.019592	.974947	21	.030627	.954382	21	.044072	.923268
22	.011704	.986652	22	.019674	.974056	22	.030342	.953611
23	.006591	.993243	23	.011914	.985970	23	.019692	.973303
24	.003505	.996748	24	.006812	.992782	24	.012067	.985370
25	.001762	.998510	25	.003683	.996465	25	.006993	.992363
26	.000839	.999349	26	.001886	.998351	26	.003838	.996201
27	.000379	.999728	27	.000916	.999267	27	.001997	.998197
28	.000162	.999891	28	.000422	.999689	28	.000986	.999184
29	.000066	.999957	29	.000185	.999874	29	.000463	.999646
30	.000026	.999982	30	.000077	.999951	30	.000207	.999853
31	.000009	.999992	31	.000031	.999981	31	.000088	.999941
32	.000003	.999995	32	.000012	.999993	32	.000036	.999976
33	.000001	.999996	33	.000004	.999997	33	.000014	.999990
34	.000000	.999997	34	.000001	.999998	34	.000005	.999995
			35	.000000	.999999	35	.000002	.999997
						36	.000001	.999997
						37	.000000	.999998

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50-100 BINOMIAL TABLES

p=.19			p=.20			p=.21		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
2	.000001	.000001	2	.000000	.000001	3	.000001	.000002
3	.000009	.000010	3	.000003	.000004	4	.000008	.000009
4	.000045	.000055	4	.000019	.000023	5	.000036	.000045
5	.000181	.000236	5	.000081	.000104	6	.000134	.000179
6	.000602	.000838	6	.000288	.000393	7	.000429	.000608
7	.001694	.002532	7	.000865	.001258	8	.001182	.001790
8	.004123	.006655	8	.002244	.003502	9	.002862	.004652
9	.008811	.015466	9	.005111	.008613	10	.006163	.010815
10	.016741	.032207	10	.010350	.018963	11	.011915	.022730
11	.028559	.060766	11	.018818	.037781	12	.020851	.043582
12	.044102	.104869	12	.030972	.068753	13	.033256	.076838
13	.062070	.166939	13	.046458	.115211	14	.048622	.125460
14	.080078	.247017	14	.063879	.179090	15	.065486	.190945
15	.095171	.342188	15	.080914	.260004	16	.081598	.272543
16	.104644	.446832	16	.094821	.354825	17	.094418	.366961
17	.106848	.553679	17	.103188	.458013	18	.101788	.468749
18	.101645	.655324	18	.104621	.562633	19	.102534	.571283
19	.090351	.745675	19	.099114	.661748	20	.096758	.668041
20	.075237	.820911	20	.087964	.749712	21	.085735	.753776
21	.058827	.879738	21	.073303	.823015	22	.071479	.825255
22	.043278	.923017	22	.057476	.880491	23	.056176	.881431
23	.030014	.953030	23	.042483	.922974	24	.041688	.923118
24	.019654	.972685	24	.029649	.952623	25	.029255	.952373
25	.012171	.984856	25	.019569	.972192	26	.019442	.971815
26	.007137	.991993	26	.012230	.984422	27	.012250	.984065
27	.003968	.995961	27	.007248	.991670	28	.007327	.991392
28	.002094	.998056	28	.004077	.995746	29	.004164	.995556
29	.001050	.999106	29	.002179	.997925	30	.002251	.997807
30	.000501	.999607	30	.001108	.999033	31	.001158	.998965
31	.000227	.999834	31	.000536	.999569	32	.000568	.999532
32	.000098	.999933	32	.000247	.999816	33	.000265	.999797
33	.000041	.999973	33	.000109	.999925	34	.000118	.999915
34	.000016	.999989	34	.000045	.999970	35	.000050	.999966
35	.000006	.999995	35	.000018	.999988	36	.000020	.999986
36	.000002	.999997	36	.000007	.999995	37	.000008	.999994
37	.000001	.999998	37	.000003	.999998	38	.000003	.999997
38	.000000	.999998	38	.000001	.999999	39	.000001	.999998
			39	.000000	.999999	40	.000000	.999998

50-100 BINOMIAL TABLES

n-
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p=.22			p=.23			p=.24		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
3	.000001	.000001	4	.000001	.000001	4	.000000	.000001
4	.000003	.000004	5	.000006	.000008	5	.000003	.000003
5	.000015	.000019	6	.000027	.000035	6	.000012	.000015
6	.000061	.000080	7	.000096	.000131	7	.000044	.000059
7	.000206	.000286	8	.000299	.000430	8	.000144	.000202
8	.000603	.000889	9	.000813	.001243	9	.000414	.000616
9	.001550	.002440	10	.001968	.003211	10	.001058	.001675
10	.003542	.005982	11	.004275	.007486	11	.002431	.004105
11	.007265	.013247	12	.008406	.015892	12	.005053	.009159
12	.013491	.026738	13	.015066	.030958	13	.009575	.018734
13	.022831	.049569	14	.024751	.055708	14	.016630	.035364
14	.035417	.084985	15	.037458	.093167	15	.026608	.061972
15	.050613	.135598	16	.052447	.145614	16	.039387	.101358
16	.066916	.202514	17	.068194	.213808	17	.054142	.155500
17	.082156	.284670	18	.082610	.296418	18	.069339	.224839
18	.093976	.378646	19	.093508	.389925	19	.082977	.307816
19	.100444	.479090	20	.099155	.489080	20	.093021	.400837
20	.100573	.579663	21	.098725	.587806	21	.097917	.498754
21	.094556	.674219	22	.092490	.680295	22	.096980	.595734
22	.083645	.757864	23	.081679	.761974	23	.090544	.686278
23	.069751	.827615	24	.068110	.830084	24	.079822	.766100
24	.054922	.882537	25	.053710	.883794	25	.066546	.832646
25	.040895	.923433	26	.040108	.923902	26	.052536	.885182
26	.028837	.952269	27	.028398	.952300	27	.039326	.924508
27	.019279	.971548	28	.019085	.971385	28	.027942	.952450
28	.012235	.983783	29	.012188	.983573	29	.018865	.971314
29	.007378	.991161	30	.007403	.990976	30	.012113	.983427
30	.004231	.995392	31	.004280	.995255	31	.007404	.990831
31	.002310	.997702	32	.002357	.997612	32	.004311	.995141
32	.001401	.998903	33	.001237	.998850	33	.002392	.997534
33	.000595	.999498	34	.000620	.999469	34	.001267	.998800
34	.000282	.999780	35	.000296	.999765	35	.000640	.999440
35	.000127	.999907	36	.000135	.999900	36	.000309	.999749
36	.000055	.999962	37	.000059	.999959	37	.000142	.999891
37	.000023	.999984	38	.000025	.999984	38	.000063	.999954
38	.000009	.999993	39	.000010	.999994	39	.000026	.999981
39	.000003	.999996	40	.000004	.999997	40	.000011	.999991
40	.000001	.999998	41	.000001	.999999	41	.000004	.999995
41	.000000	.999998	42	.000000	.999999	42	.000002	.999997
						43	.000001	.999997
						44	.000000	.999997

n-
90

50-100 BINOMIAL TABLES

p=.25			p=.26			p=.27		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
5	.000001	.000001	5	.000000	.000000	6	.000001	.000000
6	.000005	.000006	6	.000002	.000002	7	.000004	.000000
7	.000019	.000026	7	.000008	.000011	8	.000014	.000001
8	.000067	.000093	8	.000031	.000042	9	.000046	.000006
9	.000204	.000297	9	.000098	.000140			
10	.000552	.000849	10	.000279	.000419	10	.000137	.000020
11	.001338	.002187	11	.000713	.001132	11	.000369	.000577
12	.002935	.005122	12	.001649	.002781	12	.000898	.001466
13	.005871	.010992	13	.003477	.006258	13	.001992	.003455
14	.010763	.021755	14	.006720	.012978	14	.004053	.007511
15	.018177	.039932	15	.011962	.024940	15	.007594	.015101
16	.028401	.068333	16	.019701	.044641	16	.013167	.028277
17	.041210	.109543	17	.030131	.074772	17	.021198	.049477
18	.055710	.165253	18	.042934	.117706	18	.031797	.081266
19	.070370	.235622	19	.057164	.174870	19	.044567	.125831
20	.083271	.318894	20	.071301	.246171	20	.058517	.184355
21	.092523	.411417	21	.083505	.329676	21	.072144	.256499
22	.096729	.508146	22	.092020	.421696	22	.083689	.340188
23	.095327	.603473	23	.095588	.517284	23	.091515	.431170
24	.088707	.692180	24	.093758	.611043	24	.094492	.526199
25	.078062	.770243	25	.086967	.698010	25	.092265	.618455
26	.065052	.835295	26	.076390	.774400	26	.085314	.703777
27	.051399	.886694	27	.063620	.838020	27	.074796	.778566
28	.038549	.925243	28	.050294	.888315	28	.062244	.840811
29	.027472	.952715	29	.037779	.926094	29	.049219	.890031
30	.018620	.971335	30	.026990	.953084	30	.037016	.927044
31	.012013	.983348	31	.018354	.971438	31	.026498	.953554
32	.007383	.990731	32	.011890	.983328	32	.018070	.971611
33	.004325	.995056	33	.007342	.990670	33	.011747	.983366
34	.002417	.997473	34	.004325	.994995	34	.007284	.990664
35	.001289	.998762	35	.002431	.997427	35	.004310	.994955
36	.000656	.999419	36	.001305	.998732	36	.002436	.997355
37	.000319	.999738	37	.000669	.999401	37	.001315	.998770
38	.000148	.999887	38	.000328	.999729	38	.000678	.999388
39	.000066	.999953	39	.000154	.999882	39	.000334	.999771
40	.000028	.999981	40	.000069	.999951	40	.000158	.999887
41	.000011	.999992	41	.000029	.999981	41	.000071	.999944
42	.000004	.999996	42	.000012	.999993	42	.000031	.999977
43	.000002	.999998	43	.000005	.999998	43	.000013	.999995
44	.000001	.999999	44	.000002	.999999	44	.000005	.999995
45	.000000	.999999	45	.000001	1.000000	45	.000002	.999995
			46	.000000	1.000001	46	.000001	.999995
						47	.000000	.999995

50-100 BINOMIAL TABLES

n=
90

p=.28			p=.29			p=.30		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
6	.000000	.000000	7	.000001	.000001	7	.000000	.000000
7	.000001	.000002	8	.000002	.000003	8	.000001	.000001
8	.000006	.000008	9	.000009	.000012	9	.000004	.000005
9	.000021	.000028	10	.000030	.000043	10	.000014	.000019
10	.000065	.000094	11	.000090	.000133	11	.000043	.000062
11	.000185	.000279	12	.000242	.000375	12	.000120	.000182
12	.000474	.000752	13	.000594	.000969	13	.000310	.000492
13	.001105	.001858	14	.001334	.002304	14	.000730	.001222
14	.002364	.004221	15	.002762	.005065	15	.001585	.002806
15	.004657	.008878	16	.005288	.010353	16	.003184	.005990
16	.008490	.017368	17	.009401	.019754	17	.005940	.011930
17	.014372	.031740	18	.015573	.035327	18	.010324	.022254
18	.022666	.054406	19	.024104	.059430	19	.016766	.039020
19	.033403	.087810	20	.034950	.094380	20	.025509	.064529
20	.046115	.133925	21	.047585	.141965	21	.036441	.100971
21	.059779	.193703	22	.060958	.202924	22	.048983	.149954
22	.072912	.266615	23	.073613	.276537	23	.062065	.212019
23	.083831	.350446	24	.083938	.360474	24	.074257	.286276
24	.091011	.441457	25	.090511	.450985	25	.084016	.370292
25	.093438	.534895	26	.092423	.543408	26	.090017	.460310
26	.090842	.625737	27	.089482	.632891	27	.091446	.551756
27	.083739	.709476	28	.082235	.715126	28	.088180	.639936
28	.073272	.782748	29	.071811	.786937	29	.080796	.720732
29	.060920	.843668	30	.059640	.846578	30	.070408	.791140
30	.048172	.891839	31	.047149	.893726	31	.058403	.849542
31	.036258	.928098	32	.035507	.929233	32	.046149	.895691
32	.025998	.954095	33	.025490	.954723	33	.034761	.930452
33	.017769	.971865	34	.017454	.972177	34	.024976	.955428
34	.011585	.983450	35	.011407	.983584	35	.017126	.972554
35	.007208	.990658	36	.007118	.990702	36	.011214	.983767
36	.004283	.994941	37	.004243	.994945	37	.007014	.990781
37	.002431	.997372	38	.002417	.997362	38	.004192	.994974
38	.001318	.998690	39	.001316	.998679	39	.002396	.997370
39	.000684	.999374	40	.000686	.999364	40	.001309	.998679
40	.000339	.999713	41	.000341	.999706	41	.000684	.999363
41	.000161	.999873	42	.000163	.999868	42	.000342	.999705
42	.000073	.999946	43	.000074	.999943	43	.000164	.999869
43	.000032	.999978	44	.000032	.999975	44	.000075	.999944
44	.000013	.999991	45	.000014	.999988	45	.000033	.999976
45	.000005	.999996	46	.000005	.999994	46	.000014	.999990
46	.000002	.999998	47	.000002	.999996	47	.000006	.999996
47	.000001	.999999	48	.000001	.999997	48	.000002	.999998
48	.000000	.999999	49	.000000	.999997	49	.000001	.999999
						50	.000000	.999999

p=.31			p=.32			p=.33		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
8	.000000	.000001	8	.000000	.000000	10	.000001	.000001
9	.000002	.000002	9	.000001	.000001	11	.000004	.000005
10	.000006	.000008	10	.000003	.000003	12	.000012	.000018
11	.000020	.000028	11	.000009	.000012	13	.000037	.000054
12	.000058	.000086	12	.000027	.000039	14	.000099	.000154
13	.000157	.000243	13	.000077	.000116	15	.000248	.000401
14	.000387	.000630	14	.000199	.000315	16	.000572	.000974
15	.000881	.001510	15	.000475	.000790	17	.001227	.002200
16	.001855	.003366	16	.001047	.001837	18	.002450	.004651
17	.003628	.006994	17	.002144	.003981	19	.004574	.009224
18	.006611	.013604	18	.004092	.008073	20	.007997	.017221
19	.011255	.024859	19	.007297	.015370	21	.013129	.030350
20	.017950	.042809	20	.012191	.027561	22	.020282	.050632
21	.026882	.069692	21	.019123	.046683	23	.029534	.080166
22	.037880	.107571	22	.028224	.074907	24	.040609	.120775
23	.050315	.157887	23	.039268	.114175	25	.052804	.173580
24	.063107	.220993	24	.051587	.165762	26	.065020	.238600
25	.074850	.295843	25	.064090	.229852	27	.075911	.314511
26	.084071	.379914	26	.075399	.305251	28	.084125	.398636
27	.089531	.469445	27	.084106	.389357	29	.088585	.487220
28	.090504	.559949	28	.089053	.478410	30	.088717	.575937
29	.086931	.646880	29	.089595	.568005	31	.084573	.660510
30	.079414	.726293	30	.085730	.653735	32	.076802	.737313
31	.069055	.795349	31	.078084	.731819	33	.066486	.803795
32	.057202	.852551	32	.067750	.799569	34	.054899	.858697
33	.045169	.897720	33	.056035	.855604	35	.043264	.901961
34	.034021	.931741	34	.044208	.899812	36	.032555	.934516
35	.024456	.956196	35	.033286	.933098	37	.023402	.957918
36	.016786	.972983	36	.023931	.957029	38	.016076	.973991
37	.011007	.983989	37	.016436	.973465	39	.010558	.984555
38	.006897	.990886	38	.010788	.984252	40	.006630	.991188
39	.004132	.995018	39	.006769	.991021	41	.003982	.995160
40	.002367	.997385	40	.004061	.995082	42	.002288	.997455
41	.001297	.998681	41	.002331	.997413	43	.001258	.998713
42	.000680	.999361	42	.001280	.998693	44	.000662	.999377
43	.000341	.999702	43	.000672	.999365	45	.000333	.999701
44	.000164	.999866	44	.000338	.999703	46	.000161	.999866
45	.000075	.999941	45	.000163	.999865	47	.000074	.999941
46	.000033	.999974	46	.000075	.999940	48	.000033	.999974
47	.000014	.999988	47	.000033	.999973	49	.000014	.999988
48	.000006	.999993	48	.000014	.999987	50	.000006	.999993
49	.000002	.999995	49	.000006	.999993	51	.000002	.999995
50	.000001	.999996	50	.000002	.999995	52	.000001	.999996
51	.000000	.999996	51	.000001	.999996	53	.000000	.999996
52	.000000	.999997	52	.000000	.999996			

50-100 BINOMIAL TABLES

n=90

p=.34			p=.35			p=.36		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
10	.000000	.000001	11	.000001	.000001	11	.000000	.000000
11	.000002	.000002	12	.000002	.000003	12	.000001	.000001
12	.000005	.000008	13	.000008	.000011	13	.000003	.000005
13	.000017	.000025	14	.000023	.000034	14	.000010	.000015
14	.000048	.000073	15	.000062	.000095	15	.000029	.000044
15	.000126	.000198	16	.000156	.000251	16	.000078	.000122
16	.000303	.000501	17	.000365	.000616	17	.000190	.000312
17	.000680	.001181	18	.000797	.001413	18	.000434	.000746
18	.001420	.002602	19	.001627	.003040	19	.000924	.001670
19	.002773	.005374	20	.003110	.006150	20	.001845	.003515
20	.005071	.010445	21	.005581	.011731	21	.003460	.006975
21	.008707	.019152	22	.009426	.021157	22	.006104	.013079
22	.014068	.033220	23	.015006	.036162	23	.010151	.023230
23	.021426	.054646	24	.022556	.058719	24	.015940	.039170
24	.030814	.085460	25	.032065	.090783	25	.023671	.062841
25	.041907	.127368	26	.043164	.133948	26	.033288	.096129
26	.053971	.181339	27	.055093	.189040	27	.044384	.140512
27	.065904	.247213	28	.066747	.255787	28	.056173	.196685
28	.076389	.323632	29	.076839	.332625	29	.067553	.264238
29	.084132	.407764	30	.084128	.416754	30	.077264	.341502
30	.088126	.495890	31	.087677	.504431	31	.084118	.425619
31	.087867	.583757	32	.087045	.591476	32	.087239	.512858
32	.083457	.667214	33	.082378	.673854	33	.086248	.599106
33	.075564	.742778	34	.074364	.748218	34	.081333	.680439
34	.065260	.808038	35	.064067	.812286	35	.073200	.753638
35	.053790	.861828	36	.052705	.864991	36	.062906	.816544
36	.042335	.904162	37	.041419	.906410	37	.051642	.868187
37	.031829	.935991	38	.031106	.937516	38	.040515	.908702
38	.022869	.958860	39	.022333	.959849	39	.030387	.939089
39	.015708	.974568	40	.015332	.975181	40	.021793	.960881
40	.010317	.984885	41	.010068	.985249	41	.014949	.975831
41	.006482	.991367	42	.006325	.991574	42	.009811	.985641
42	.003896	.995263	43	.003802	.995375	43	.006160	.991801
43	.002240	.997503	44	.002187	.997562	44	.003701	.995503
44	.001233	.998736	45	.001204	.998766	45	.002128	.997631
45	.000649	.999385	46	.000634	.999400	46	.001171	.998802
46	.000327	.999712	47	.000320	.999719	47	.000617	.999419
47	.000158	.999870	48	.000154	.999873	48	.000311	.999730
48	.000073	.999942	49	.000071	.999945	49	.000150	.999879
49	.000032	.999975	50	.000031	.999976	50	.000069	.999949
50	.000014	.999988	51	.000013	.999989	51	.000030	.999979
51	.000005	.999994	52	.000005	.999995	52	.000013	.999992
52	.000002	.999996	53	.000002	.999997	53	.000005	.999997
53	.000001	.999997	54	.000001	.999998	54	.000002	.999999
54	.000000	.999997	55	.000000	.999998	55	.000001	1.000000
						56	.000000	1.000001

p=.37			p=.38			p=.39		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
12	.000000	.000001	12	.000000	.000000	14	.000001	.000001
13	.000001	.000002	13	.000001	.000001	15	.000003	.000004
14	.000005	.000007	14	.000002	.000003	16	.000008	.000012
15	.000014	.000020	15	.000006	.000009	17	.000022	.000034
16	.000038	.000058	16	.000018	.000026	18	.000058	.000092
17	.000096	.000154	17	.000047	.000073	19	.000140	.000232
18	.000228	.000382	18	.000117	.000190	20	.000318	.000549
19	.000508	.000890	19	.000271	.000461	21	.000677	.001226
20	.001060	.001950	20	.000590	.001051	22	.001357	.002583
21	.002075	.004025	21	.001204	.002255	23	.002565	.005148
22	.003822	.007847	22	.002315	.004570	24	.004578	.009726
23	.006637	.014484	23	.004195	.008765	25	.007727	.017453
24	.010881	.025365	24	.007178	.015943	26	.012351	.029804
25	.016871	.042236	25	.011615	.027558	27	.018717	.048521
26	.024771	.067007	26	.017797	.045355	28	.026925	.075446
27	.034484	.101491	27	.025855	.071210	29	.036803	.112249
28	.045568	.147059	28	.035655	.106865	30	.047844	.160093
29	.057216	.204274	29	.046721	.153586	31	.059204	.219297
30	.068326	.272600	30	.058225	.211811	32	.069789	.289087
31	.077667	.350267	31	.069070	.280881	33	.078422	.367509
32	.084400	.434367	32	.078052	.358933	34	.084056	.451565
33	.086811	.521178	33	.084079	.443012	35	.085985	.537550
34	.085473	.606651	34	.086393	.529405	36	.083988	.621538
35	.080318	.686969	35	.084721	.614125	37	.078369	.699908
36	.072066	.759035	36	.079331	.693456	38	.069883	.769791
37	.061771	.820807	37	.070962	.764418	39	.059573	.829363
38	.050599	.871405	38	.060661	.825079	40	.048561	.877925
39	.039622	.911028	39	.049572	.874651	41	.037863	.915787
40	.029670	.940697	40	.038738	.913390	42	.028242	.944025
41	.021250	.961947	41	.028955	.942344	43	.020156	.964185
42	.014560	.976507	42	.020704	.963049	44	.013765	.977950
43	.009546	.986053	43	.014165	.977214	45	.008996	.986946
44	.005988	.992041	44	.009274	.986488	46	.005627	.992577
45	.003595	.995636	45	.005810	.992298	47	.003368	.995941
46	.002066	.997701	46	.003484	.995782	48	.001929	.997870
47	.001136	.998837	47	.001999	.997781	49	.001057	.998927
48	.000597	.999435	48	.001098	.998878	50	.000554	.999481
49	.000301	.999735	49	.000577	.999455	51	.000278	.999759
50	.000145	.999880	50	.000290	.999745	52	.000133	.999897
51	.000067	.999947	51	.000139	.999884	53	.000061	.999957
52	.000029	.999976	52	.000064	.999948	54	.000027	.999980
53	.000012	.999989	53	.000028	.999976	55	.000011	.999997
54	.000005	.999994	54	.000012	.999988	56	.000004	.999999
55	.000002	.999996	55	.000005	.999992	57	.000002	.999999
56	.000001	.999996	56	.000002	.999994	58	.000001	.999999
57	.000000	.999997	57	.000001	.999995	59	.000000	.999999
			58	.000000	.999995			

50-100 BINOMIAL TABLES

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p=.40

x	Individual Term	Cumulative (x or less)
14	.000000	.000000
15	.000001	.000002
16	.000004	.000005
17	.000010	.000015
18	.000028	.000043
19	.000070	.000113
20	.000166	.000279
21	.000368	.000647
22	.000770	.001417
23	.001517	.002934
24	.002823	.005757
25	.004969	.010726
26	.008282	.019008
27	.013088	.032096
28	.021963	.051728
29	.027981	.079708
30	.037929	.117638
31	.048941	.166579
32	.060157	.226735
33	.070487	.297222
34	.078779	.376001
35	.084031	.460033
36	.085587	.545620
37	.083274	.628894
38	.077430	.706324
39	.068827	.775151
40	.058503	.833654
41	.047563	.881218
42	.036994	.918211
43	.027530	.945742
44	.019605	.965346
45	.013360	.978707
46	.008713	.987420
47	.005438	.992858
48	.003248	.996106
49	.001856	.997962
50	.001015	.998976
51	.000530	.999507
52	.000265	.999772
53	.000127	.999899
54	.000058	.999957
55	.000025	.999982
56	.000011	.999992
57	.000004	.999997
58	.000002	.999998
59	.000001	.999999
60	.000000	.999999

p=.41

x	Individual Term	Cumulative (x or less)
15	.000000	.000001
16	.000002	.000002
17	.000005	.000007
18	.000013	.000020
19	.000034	.000054
20	.000084	.000137
21	.000194	.000331
22	.000423	.000754
23	.000868	.001622
24	.001684	.003306
25	.003090	.006396
26	.005368	.011764
27	.008842	.020606
28	.013825	.034431
29	.020540	.054971
30	.029023	.083993
31	.039035	.123029
32	.050014	.173043
33	.061085	.234128
34	.071165	.305292
35	.079125	.384418
36	.084005	.468423
37	.085198	.553621
38	.082576	.636198
39	.076511	.712709
40	.067790	.780499
41	.057449	.837949
42	.046576	.884525
43	.036130	.920655
44	.026819	.947474
45	.019051	.966525
46	.012951	.979477
47	.008426	.987902
48	.005245	.993147
49	.003124	.996271
50	.001780	.998052
51	.000970	.999022
52	.000506	.999528
53	.000252	.999780
54	.000120	.999900
55	.000055	.999954
56	.000024	.999978
57	.000010	.999988
58	.000004	.999992
59	.000001	.999993
60	.000001	.999999
61	.000000	.999994

p=.42

x	Individual Term	Cumulative (x or less)
15	.000000	.000000
16	.000001	.000001
17	.000002	.000003
18	.000006	.000009
19	.000016	.000025
20	.000041	.000066
21	.000099	.000164
22	.000225	.000389
23	.000481	.000870
24	.000972	.001842
25	.001858	.003699
26	.003363	.007063
27	.005773	.012836
28	.009406	.022242
29	.014562	.036804
30	.021442	.058246
31	.030052	.088298
32	.040123	.128421
33	.051066	.179486
34	.061993	.241479
35	.071827	.313306
36	.079464	.392770
37	.083981	.476751
38	.084819	.561570
39	.081894	.643464
40	.075611	.719075
41	.066772	.785847
42	.056411	.842258
43	.045599	.887857
44	.035271	.923128
45	.026109	.949237
46	.018495	.967733
47	.012538	.980271
48	.008134	.988405
49	.005049	.993453
50	.002998	.996451
51	.001703	.998154
52	.000925	.999078
53	.000480	.999558
54	.000238	.999797
55	.000113	.999909
56	.000051	.999961
57	.000022	.999983
58	.000009	.999992
59	.000004	.999995
60	.000001	.999997
61	.000000	.999997

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50-100 BINOMIAL TABLES

p=.43			p=.44			p=.45		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
17	.000001	.000001	17	.000000	.000000	18	.000000	.000001
18	.000003	.000004	18	.000001	.000002	19	.000001	.000002
19	.000007	.000011	19	.000003	.000005	20	.000004	.000006
20	.000019	.000030	20	.000009	.000014	21	.000011	.000017
21	.000049	.000079	21	.000023	.000037	22	.000028	.000044
22	.000115	.000195	22	.000057	.000094	23	.000067	.000111
23	.000258	.000452	23	.000134	.000228	24	.000153	.000264
24	.000542	.000995	24	.000293	.000521	25	.000330	.000594
25	.001080	.002075	25	.000607	.001128	26	.000676	.001270
26	.002037	.004112	26	.001193	.002321	27	.001310	.002580
27	.003643	.007755	27	.002222	.004544	28	.002412	.004992
28	.006184	.013939	28	.003929	.008472	29	.004219	.009211
29	.009973	.023913	29	.006599	.015071	30	.007018	.016229
30	.015298	.039211	30	.010543	.025614	31	.011114	.027343
31	.022337	.061548	31	.016033	.041647	32	.016766	.044109
32	.031069	.092617	32	.023226	.064874	33	.024110	.068219
33	.041194	.133811	33	.032075	.096948	34	.033070	.100289
34	.052098	.185909	34	.042250	.139198	35	.043292	.144581
35	.062883	.248792	35	.053114	.192312	36	.054115	.198696
36	.072475	.321267	36	.063758	.256069	37	.064619	.263315
37	.079795	.401061	37	.073112	.329181	38	.073740	.337055
38	.083957	.485019	38	.080121	.409302	39	.080443	.417498
39	.084448	.569467	39	.083936	.493238	40	.083917	.501415
40	.081226	.650693	40	.084086	.577324	41	.083731	.585146
41	.074727	.725420	41	.080570	.657895	42	.079925	.665071
42	.065768	.791188	42	.073856	.731751	43	.072997	.738068
43	.055384	.846572	43	.064777	.796528	44	.063797	.801865
44	.044629	.891201	44	.054367	.850895	45	.053357	.855222
45	.034416	.925617	45	.043666	.894561	46	.042707	.897930
46	.025398	.951015	46	.033563	.928124	47	.032712	.930641
47	.017937	.968953	47	.024688	.952812	48	.023976	.954618
48	.012122	.981075	48	.017377	.970189	49	.016815	.971432
49	.007838	.988913	49	.011703	.981891	50	.011281	.982713
50	.004849	.993762	50	.007540	.989431	51	.007239	.989952
51	.002869	.996631	51	.004646	.994078	52	.004442	.994395
52	.001623	.998254	52	.002738	.996816	53	.002606	.997000
53	.000878	.999132	53	.001542	.998359	54	.001461	.998461
54	.000454	.999586	54	.000830	.999189	55	.000782	.999244
55	.000224	.999810	55	.000427	.999616	56	.000400	.999644
56	.000106	.999916	56	.000210	.999826	57	.000195	.999839
57	.000048	.999963	57	.000098	.999924	58	.000091	.999930
58	.000020	.999984	58	.000044	.999968	59	.000040	.999970
59	.000008	.999992	59	.000019	.999987	60	.000017	.999987
60	.000003	.999995	60	.000008	.999994	61	.000007	.999994
61	.000001	.999996	61	.000003	.999997	62	.000003	.999997
62	.000000	.999997	62	.000001	.999998	63	.000001	.999998
			63	.000000	.999999	64	.000000	.999998

50-100 BINOMIAL TABLES

n=
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p=.46

x	Individual Term	Cumulative (x or less)
18	.000000	.000000
19	.000001	.000001
20	.000002	.000003
21	.000005	.000007
22	.000013	.000020
23	.000032	.000053
24	.000077	.000130
25	.000174	.000303
26	.000370	.000673
27	.000746	.001420
28	.001431	.002850
29	.002605	.005456
30	.004513	.009969
31	.007441	.017409
32	.011686	.029096
33	.017497	.046592
34	.024987	.071580
35	.034057	.105636
36	.044323	.149959
37	.055104	.205063
38	.065469	.270533
39	.074360	.344893
40	.080764	.425656
41	.083901	.509557
42	.083383	.592940
43	.079289	.672229
44	.072148	.744377
45	.062825	.807202
46	.052354	.859556
47	.041751	.901307
48	.031861	.933169
49	.023264	.956432
50	.016250	.972682
51	.010857	.983539
52	.006936	.990476
53	.004237	.994712
54	.002473	.997185
55	.001379	.998564
56	.000734	.999298
57	.000373	.999671
58	.000181	.999852
59	.000084	.999935
60	.000037	.999972
61	.000015	.999987
62	.000006	.999993
63	.000002	.999996
64	.000001	.999996
65	.000000	.999997

p=.47

x	Individual Term	Cumulative (x or less)
20	.000001	.000001
21	.000002	.000003
22	.000006	.000009
23	.000015	.000024
24	.000038	.000062
25	.000088	.000150
26	.000195	.000345
27	.000411	.000756
28	.000820	.001576
29	.001554	.003131
30	.002803	.005933
31	.004811	.010744
32	.007865	.018609
33	.012259	.030869
34	.018225	.049094
35	.025859	.074953
36	.035035	.109988
37	.045344	.155332
38	.056083	.211415
39	.066312	.277726
40	.074976	.352702
41	.081083	.433785
42	.083888	.517673
43	.083041	.600714
44	.078661	.679376
45	.071306	.750682
46	.061859	.812541
47	.051355	.863896
48	.040797	.904693
49	.031010	.935703
50	.022550	.958253
51	.015684	.973937
52	.010431	.984368
53	.006632	.991001
54	.004030	.995031
55	.002339	.997370
56	.001296	.998666
57	.000686	.999352
58	.000346	.999698
59	.000166	.999865
60	.000076	.999941
61	.000033	.999974
62	.000014	.999988
63	.000005	.999993
64	.000002	.999995
65	.000001	.999996
66	.000000	.999996

p=.48

x	Individual Term	Cumulative (x or less)
20	.000000	.000000
21	.000001	.000001
22	.000003	.000004
23	.000007	.000011
24	.000018	.000028
25	.000043	.000072
26	.000100	.000172
27	.000218	.000390
28	.000454	.000844
29	.000896	.001739
30	.001681	.003420
31	.003003	.006423
32	.005111	.011534
33	.008292	.019826
34	.012832	.032658
35	.018952	.051610
36	.026727	.078337
37	.036006	.114343
38	.046356	.160699
39	.057054	.217753
40	.067148	.284901
41	.075588	.360489
42	.081403	.441892
43	.083878	.525770
44	.082705	.608476
45	.078040	.686516
46	.070471	.756986
47	.060898	.817884
48	.050358	.868242
49	.039844	.908086
50	.030159	.938244
51	.021834	.960078
52	.015116	.975194
53	.010004	.985199
54	.006327	.991526
55	.003823	.995349
56	.002206	.997555
57	.001214	.998769
58	.000638	.999407
59	.000319	.999726
60	.000152	.999878
61	.000069	.999947
62	.000030	.999977
63	.000012	.999990
64	.000005	.999994
65	.000002	.999996
66	.000001	.999997
67	.000000	.999997

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50-100 BINOMIAL TABLES

p=.49			p=.50		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
22	.000001	.000001	22	.000000	.000001
23	.000003	.000004	23	.000001	.000002
24	.000008	.000013	24	.000004	.000005
25	.000021	.000033	25	.000009	.000015
26	.000049	.000082	26	.000023	.000038
27	.000112	.000194	27	.000056	.000094
28	.000243	.000437	28	.000125	.000219
29	.000498	.000935	29	.000267	.000486
30	.000973	.001908	30	.000544	.001030
31	.001810	.003718	31	.001052	.002082
32	.003206	.006924	32	.001940	.004023
33	.005413	.012337	33	.003410	.007433
34	.008720	.021057	34	.005717	.013151
35	.013404	.034461	35	.009148	.022299
36	.019676	.054137	36	.013976	.036275
37	.027590	.081727	37	.020397	.056672
38	.036972	.118698	38	.028449	.085121
39	.047362	.166061	39	.037932	.123053
40	.058019	.224079	40	.048363	.171416
41	.067980	.292059	41	.058980	.230396
42	.076200	.368259	42	.068810	.299206
43	.081724	.449983	43	.076811	.376016
44	.083873	.533856	44	.082048	.458064
45	.082375	.616231	45	.083871	.541935
46	.077424	.693655	46	.082048	.623983
47	.069639	.763294	47	.076811	.700793
48	.059939	.823233	48	.068810	.769603
49	.049361	.872594	49	.058980	.828583
50	.038889	.911483	50	.048363	.876946
51	.029305	.940788	51	.037932	.914878
52	.021117	.961905	52	.028449	.943327
53	.014547	.976452	53	.020397	.963724
54	.009576	.986028	54	.013976	.977700
55	.006022	.992051	55	.009148	.986848
56	.003616	.995667	56	.005717	.992566
57	.002073	.997740	57	.003410	.995976
58	.001133	.998873	58	.001940	.997916
59	.000590	.999463	59	.001052	.998969
60	.000293	.999756	60	.000544	.999513
61	.000138	.999894	61	.000267	.999780
62	.000062	.999957	62	.000125	.999905
63	.000026	.999983	63	.000056	.999961
64	.000011	.999994	64	.000023	.999984
65	.000004	.999998	65	.000009	.999994
66	.000002	1.000000	66	.000004	.999997
67	.000001	1.000000	67	.000001	.999998

50-100 BINOMIAL TABLES

n=95

p=.01

x	Individual Term	Cumulative (x or less)
0	.384896	.384896
1	.369345	.754241
2	.175346	.929586
3	.054906	.984493
4	.012756	.997249
5	.002345	.999594
6	.000355	.999949
7	.000046	.999995
8	.000005	1.000000
9	.000000	1.000001

p=.02

x	Individual Term	Cumulative (x or less)
0	.146716	.146716
1	.284449	.431165
2	.272839	.704004
3	.172612	.876617
4	.081022	.957639
5	.030094	.987733
6	.009212	.996945
7	.002390	.999335
8	.000537	.999872
9	.000106	.999978
10	.000019	.999997
11	.000003	.999999
12	.000000	1.000000

p=.03

x	Individual Term	Cumulative (x or less)
0	.055375	.055375
1	.162700	.218075
2	.236502	.454577
3	.226749	.681327
4	.161296	.842623
5	.090791	.933414
6	.042120	.975534
7	.016563	.992096
8	.005635	.997731
9	.001685	.999416
10	.000448	.999864
11	.000107	.999971
12	.000023	.999994
13	.000005	.999999
14	.000001	.999999
15	.000000	1.000000

p=.04

x	Individual Term	Cumulative (x or less)
0	.020690	.020690
1	.081899	.102590
2	.160386	.262975
3	.207165	.470140
4	.198533	.668673
5	.150554	.819228
6	.094096	.913324
7	.049849	.963173
8	.022847	.986020
9	.009202	.995223
10	.003298	.998520
11	.001062	.999582
12	.000310	.999891
13	.000082	.999974
14	.000020	.999994
15	.000005	.999998
16	.000001	.999999
17	.000000	1.000000

p=.05

x	Individual Term	Cumulative (x or less)
0	.007651	.007651
1	.038257	.045909
2	.094636	.140545
3	.154406	.294951
4	.186913	.481864
5	.179043	.660906
6	.141350	.802256
7	.094587	.896843
8	.054761	.951604
9	.027861	.979465
10	.012611	.992076
11	.005129	.997205
12	.001890	.999094
13	.000635	.999729
14	.000196	.999925
15	.000056	.999980
16	.000015	.999995
17	.000004	.999998
18	.000001	.999999
19	.000000	.999999

p=.06

x	Individual Term	Cumulative (x or less)
0	.002800	.002800
1	.016978	.019778
2	.050935	.070713
3	.100786	.171499
4	.147962	.319461
5	.171888	.491349
6	.164573	.655922
7	.133560	.789482
8	.093776	.883258
9	.057862	.941119
10	.031762	.972882
11	.015666	.988548
12	.007000	.995548
13	.002853	.998400
14	.001066	.999467
15	.000368	.999834
16	.000117	.999952
17	.000035	.999987
18	.000010	.999996
19	.000002	.999999
20	.000001	.999999
21	.000000	.999999

n-
95

50-100 BINOMIAL TABLES

p=.07			p=.08			p=.09		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
0	.001014	.001014	0	.000363	.000363	0	.000129	.000129
1	.007248	.008262	1	.002998	.003361	1	.001207	.001336
2	.025641	.033902	2	.012254	.015615	2	.005612	.006948
3	.059829	.093731	3	.033032	.048647	3	.017208	.024156
4	.103574	.197305	4	.066064	.114711	4	.039142	.063298
5	.141885	.339191	5	.104553	.219264	5	.070456	.133755
6	.160193	.499384	6	.136374	.355637	6	.104523	.238278
7	.153303	.652687	7	.150773	.506411	7	.131433	.369711
8	.126928	.779615	8	.144218	.650628	8	.142988	.512699
9	.092353	.871968	9	.121227	.771855	9	.136703	.649402
10	.059781	.931749	10	.090656	.862511	10	.116272	.765674
11	.034770	.966519	11	.060915	.923427	11	.088859	.854533
12	.018320	.984839	12	.037079	.960506	12	.061518	.916051
13	.008804	.993643	13	.020586	.981091	13	.038845	.954897
14	.003881	.997524	14	.010485	.991576	14	.022502	.977399
15	.001578	.999102	15	.004923	.996499	15	.012018	.989417
16	.000594	.999695	16	.002141	.998640	16	.005943	.995359
17	.000208	.999903	17	.000865	.999505	17	.002731	.998091
18	.000068	.999971	18	.000326	.999830	18	.001171	.999261
19	.000021	.999991	19	.000115	.999945	19	.000469	.999731
20	.000006	.999997	20	.000038	.999983	20	.000176	.999907
21	.000002	.999999	21	.000012	.999995	21	.000062	.999965
22	.000000	.999999	22	.000003	.999999	22	.000021	.999996
			23	.000001	1.000000	23	.000007	.999999
			24	.000000	1.000000	24	.000002	.999999
						25	.000001	.999999
						26	.000000	.999999

50-100 BINOMIAL TABLES

n=
95

p=.10

x	Individual Term	Cumulative (x or less)
0	.000045	.000045
1	.000475	.000520
2	.002480	.002999
3	.008541	.011540
4	.021826	.033366
5	.044138	.077504
6	.073563	.151067
7	.103922	.254988
8	.127016	.382004
9	.136424	.518428
10	.130361	.648789
11	.111926	.760714
12	.087053	.847768
13	.061756	.909524
14	.040190	.949714
15	.024114	.973828
16	.013397	.987225
17	.006917	.994142
18	.003331	.997473
19	.001500	.998973
20	.000633	.999606
21	.000251	.999857
22	.000094	.999951
23	.000033	.999984
24	.000011	.999995
25	.000003	.999999
26	.000001	1.000000
27	.000000	1.000000

p=.11

x	Individual Term	Cumulative (x or less)
0	.000016	.000016
1	.000183	.000198
2	.001061	.001260
3	.004067	.005326
4	.011560	.016887
5	.026004	.042891
6	.048210	.091101
7	.075759	.166861
8	.102998	.269859
9	.123058	.392917
10	.130801	.523717
11	.124922	.648639
12	.108079	.756718
13	.085286	.842004
14	.061740	.903744
15	.041206	.944950
16	.025464	.970414
17	.014626	.985040
18	.007833	.992873
19	.003924	.996797
20	.001843	.998640
21	.000813	.999453
22	.000338	.999791
23	.000133	.999924
24	.000049	.999973
25	.000017	.999990
26	.000006	.999996
27	.000002	.999998
28	.000001	.999999
29	.000000	.999999

p=.12

x	Individual Term	Cumulative (x or less)
0	.000005	.000005
1	.000069	.000074
2	.000442	.000516
3	.001867	.002383
4	.005855	.008238
5	.014532	.022770
6	.029725	.052495
7	.051536	.104031
8	.077304	.181335
9	.101901	.283235
10	.119501	.402737
11	.125921	.528658
12	.120197	.648855
13	.104647	.753502
14	.083582	.837084
15	.061547	.898630
16	.041964	.940594
17	.026592	.967186
18	.015713	.982899
19	.008684	.991583
20	.004500	.996083
21	.002191	.998274
22	.001005	.999279
23	.000435	.999714
24	.000178	.999892
25	.000069	.999961
26	.000025	.999986
27	.000009	.999995
28	.000003	.999998
29	.000001	.999999
30	.000000	.999999

n-
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50-100 BINOMIAL TABLES

p=.13			p=.14			p=.15		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
0	.000002	.000002	0	.000001	.000001	1	.000003	.000004
1	.000025	.000027	1	.000009	.000010	2	.000027	.000031
2	.000179	.000206	2	.000071	.000081	3	.000150	.000181
3	.000829	.001036	3	.000358	.000438	4	.000609	.000790
4	.002851	.003886	4	.001339	.001777	5	.001955	.002745
5	.007752	.011639	5	.003967	.005745	6	.005175	.007920
6	.017376	.029015	6	.009687	.015432	7	.011611	.019531
7	.033011	.062026	7	.020051	.035482	8	.022539	.042070
8	.054260	.116286	8	.035904	.071387	9	.038449	.080518
9	.078376	.194662	9	.056501	.127888	10	.058352	.138870
10	.100717	.295379	10	.079101	.206989	11	.079571	.218441
11	.116293	.411672	11	.099503	.306492	12	.098293	.316734
12	.121640	.533311	12	.113388	.419880	13	.110747	.427481
13	.116047	.649358	13	.117850	.537730	14	.114469	.541950
14	.101565	.750923	14	.112369	.650098	15	.109082	.651032
15	.081952	.832875	15	.098780	.748878	16	.096249	.747281
16	.061229	.894104	16	.080402	.829280	17	.078931	.826212
17	.042517	.936621	17	.060824	.890104	18	.060359	.886571
18	.027530	.964150	18	.042907	.933011	19	.043167	.929738
19	.016671	.980822	19	.028307	.961318	20	.028947	.958685
20	.009466	.990288	20	.017511	.978829	21	.018244	.976929
21	.005052	.995339	21	.010181	.989010	22	.010829	.987759
22	.002539	.997878	22	.005575	.994584	23	.006066	.993824
23	.001204	.999083	23	.002880	.997465	24	.003211	.997035
24	.000540	.999622	24	.001407	.998871	25	.001609	.998645
25	.000229	.999852	25	.000650	.999522	26	.000765	.999105
26	.000092	.999944	26	.000285	.999807	27	.000345	.999754
27	.000035	.999979	27	.000119	.999925	28	.000148	.999902
28	.000013	.999992	28	.000047	.999972	29	.000060	.999962
29	.000004	.999996	29	.000018	.999990	30	.000023	.999986
30	.000001	.999998	30	.000006	.999996	31	.000009	.999991
31	.000000	.999998	31	.000002	.999998	32	.000003	.999996
			32	.000001	.999999	33	.000001	.999999
			33	.000000	.999999	34	.000000	.999999

50-100 BINOMIAL TABLES

n=95

p=.16

x	Individual Term	Cumulative (x or less)
1	.000001	.000001
2	.000010	.000012
3	.000061	.000073
4	.000268	.000341
5	.000931	.001272
6	.002659	.003930
7	.006438	.010369
8	.013490	.023859
9	.024839	.048698
10	.040689	.089386
11	.059888	.149274
12	.079851	.229125
13	.097108	.326233
14	.108338	.434570
15	.111433	.546003
16	.106127	.652130
17	.093938	.746069
18	.077537	.823605
19	.059853	.883458
20	.043322	.926780
21	.029471	.956250
22	.018882	.975132
23	.011415	.986547
24	.006523	.993070
25	.003529	.996599
26	.001810	.998408
27	.000881	.999289
28	.000407	.999696
29	.000179	.999876
30	.000075	.999951
31	.000030	.999981
32	.000011	.999992
33	.000004	.999996
34	.000001	.999998
35	.000000	.999998

p=.17

x	Individual Term	Cumulative (x or less)
2	.000004	.000004
3	.000024	.000029
4	.000115	.000144
5	.000429	.000573
6	.001317	.001890
7	.003431	.005321
8	.007729	.013050
9	.015304	.028353
10	.026956	.055310
11	.042664	.097973
12	.061168	.159142
13	.079989	.239131
14	.095960	.335091
15	.106134	.441224
16	.108691	.549915
17	.103453	.653368
18	.091820	.745188
19	.076216	.821403
20	.059320	.880723
21	.043392	.924115
22	.029894	.954009
23	.019434	.973443
24	.011941	.985384
25	.006946	.992330
26	.003830	.996161
27	.002005	.998166
28	.000997	.999163
29	.000472	.999635
30	.000213	.999847
31	.000091	.999939
32	.000037	.999976
33	.000015	.999991
34	.000005	.999996
35	.000002	.999998
36	.000001	.999999
37	.000000	.999999

p=.18

x	Individual Term	Cumulative (x or less)
2	.000001	.000002
3	.000010	.000011
4	.000048	.000059
5	.000192	.000251
6	.000631	.000882
7	.001762	.002643
8	.004253	.006897
9	.009026	.015923
10	.017039	.032961
11	.028902	.061863
12	.044410	.106272
13	.062240	.168513
14	.080023	.248536
15	.094857	.343392
16	.104111	.447503
17	.106202	.553706
18	.101022	.654727
19	.089869	.744596
20	.074964	.819560
21	.058770	.878329
22	.043393	.921722
23	.030232	.951955
24	.019909	.971864
25	.012412	.984276
26	.007335	.991611
27	.004115	.995726
28	.002194	.997920
29	.001113	.999032
30	.000537	.999569
31	.000247	.999817
32	.000109	.999925
33	.000045	.999971
34	.000018	.999989
35	.000007	.999996
36	.000003	.999998
37	.000001	.999999
38	.000000	1.000000

p=.19			p=.20			p=.21		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
2	.000000	.000001	2	.000000	.000000	3	.000000	.000001
3	.000004	.000004	3	.000001	.000002	4	.000003	.000004
4	.000020	.000024	4	.000008	.000009			
5	.000083	.000107	5	.000035	.000044	5	.000014	.000018
6	.000293	.000400	6	.000132	.000176	6	.000058	.000076
7	.000874	.001273	7	.000419	.000596	7	.000195	.000271
8	.002254	.003528	8	.001153	.001749	8	.000570	.000841
9	.005111	.008639	9	.002786	.004535	9	.001465	.002306
10	.010311	.018950	10	.005991	.010526	10	.003350	.005656
11	.018689	.037639	11	.011573	.022099	11	.006881	.012537
12	.030687	.068326	12	.020253	.042352	12	.012804	.025341
13	.045958	.114284	13	.032327	.074678	13	.021730	.047071
14	.063142	.177426	14	.047336	.122014	14	.033833	.080904
15	.079979	.257405	15	.063903	.185917	15	.048566	.129470
16	.093803	.351208	16	.079879	.265796	16	.064549	.194019
17	.102250	.453458	17	.092800	.358596	17	.079737	.273756
18	.103933	.557391	18	.100534	.459129	18	.091849	.365605
19	.098801	.656191	19	.101856	.560986	19	.098947	.464553
20	.088067	.744258	20	.096764	.657749	20	.099949	.564502
21	.073777	.818035	21	.086396	.744445	21	.094889	.659391
22	.058210	.876245	22	.072651	.816797	22	.084843	.744234
23	.043337	.919583	23	.057647	.874444	23	.071582	.815816
24	.030497	.950079	24	.043235	.917679	24	.057084	.872900
25	.020316	.970396	25	.030697	.948376	25	.043095	.915995
26	.012830	.983226	26	.020662	.969038	26	.030842	.946837
27	.007691	.990917	27	.013200	.982238	27	.020952	.967789
28	.004381	.995298	28	.008015	.990253	28	.013526	.981315
29	.002374	.997673	29	.004629	.994882	29	.008307	.989622
30	.001225	.998898	30	.002546	.997428	30	.004858	.994480
31	.000603	.999500	31	.001335	.998762	31	.002708	.997187
32	.000283	.999783	32	.000667	.999430	32	.001440	.998627
33	.000127	.999910	33	.000318	.999748	33	.000731	.999357
34	.000054	.999964	34	.000145	.999893	34	.000354	.999711
35	.000022	.999986	35	.000063	.999957	35	.000164	.999875
36	.000009	.999995	36	.000026	.999983	36	.000073	.999946
37	.000003	.999998	37	.000011	.999994	37	.000031	.999975
38	.000001	.999999	38	.000004	.999998	38	.000013	.999991
39	.000000	1.000000	39	.000001	.999999	39	.000005	.999996
			40	.000001	1.000000	40	.000002	.999998
			41	.000000	1.000000	41	.000001	.999999
						42	.000000	.999999

50-100 BINOMIAL TABLES

n=
95

p=.22

x	Individual Term	Cumulative (x or less)
3	.000000	.000000
4	.000001	.000001
5	.000006	.000007
6	.000025	.000032
7	.000088	.000120
8	.000273	.000393
9	.000745	.001138
10	.001806	.002944
11	.003937	.006881
12	.007773	.014654
13	.013997	.028651
14	.023124	.051775
15	.035219	.086994
16	.049668	.136662
17	.065100	.201763
18	.079567	.281330
19	.090949	.372279
20	.097479	.469758
21	.098193	.567951
22	.093158	.661109
23	.083395	.744504
24	.070565	.815070
25	.056525	.871594
26	.042923	.914517
27	.030939	.945456
28	.021193	.966648
29	.013810	.980458
30	.008569	.989027
31	.005068	.994095
32	.002859	.996954
33	.001539	.998493
34	.000792	.999285
35	.000389	.999674
36	.000183	.999857
37	.000082	.999939
38	.000035	.999975
39	.000015	.999989
40	.000006	.999995
41	.000002	.999997
42	.000001	.999998
43	.000000	.999999

p=.23

x	Individual Term	Cumulative (x or less)
5	.000002	.000003
6	.000010	.000013
7	.000039	.000052
8	.000127	.000178
9	.000366	.000545
10	.000941	.001485
11	.002172	.003657
12	.004541	.008198
13	.008660	.016857
14	.015150	.032007
15	.024437	.056444
16	.036497	.092941
17	.050661	.143602
18	.065574	.209175
19	.079378	.288554
20	.090100	.378653
21	.096117	.474771
22	.096571	.571342
23	.091555	.662897
24	.082042	.744939
25	.069598	.814537
26	.055970	.870507
27	.042725	.913232
28	.030993	.944225
29	.021388	.965613
30	.014055	.979669
31	.008803	.988472
32	.005259	.993730
33	.002999	.996729
34	.001633	.998363
35	.000850	.999213
36	.000423	.999637
37	.000202	.999838
38	.000092	.999930
39	.000040	.999970
40	.000017	.999987
41	.000007	.999994
42	.000003	.999996
43	.000001	.999997
44	.000000	.999998

p=.24

x	Individual Term	Cumulative (x or less)
5	.000001	.000001
6	.000004	.000005
7	.000016	.000022
8	.000057	.000079
9	.000175	.000253
10	.000474	.000727
11	.001157	.001884
12	.002557	.004441
13	.005155	.009596
14	.009535	.019132
15	.016260	.035392
16	.025674	.061066
17	.037677	.098743
18	.051557	.150300
19	.065982	.216282
20	.079178	.295460
21	.089299	.384759
22	.094853	.479613
23	.095070	.574683
24	.090067	.664750
25	.080776	.745526
26	.068676	.814202
27	.055422	.869624
28	.042504	.912129
29	.031011	.943139
30	.021544	.964683
31	.014265	.978948
32	.009010	.987958
33	.005432	.993390
34	.003128	.996517
35	.001721	.998239
36	.000906	.999145
37	.000456	.999601
38	.000220	.999821
39	.000101	.999923
40	.000045	.999967
41	.000019	.999986
42	.000008	.999994
43	.000003	.999997
44	.000001	.999998
45	.000000	.999999

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50-100 BINOMIAL TABLES

p=.25		
x	Individual Term	Cumulative (x or less)
6	.000002	.000002
7	.000007	.000009
8	.000025	.000034
9	.000081	.000115
10	.000231	.000346
11	.000596	.000942
12	.001390	.002332
13	.002958	.005290
14	.005776	.011065
15	.010396	.021462
16	.017327	.038789
17	.026840	.065628
18	.038769	.104397
19	.052372	.156768
20	.066337	.223106
21	.078973	.302079
22	.088545	.390624
23	.093678	.484302
24	.093678	.577981
25	.088682	.666663
26	.079587	.746250
27	.067796	.814046
28	.054882	.868928
29	.042266	.911194
30	.030995	.942189
31	.021663	.963852
32	.014442	.978294
33	.009190	.987485
34	.005586	.993071
35	.003245	.996316
36	.001803	.998119
37	.000958	.999078
38	.000488	.999565
39	.000238	.999803
40	.000111	.999914
41	.000050	.999963
42	.000021	.999984
43	.000009	.999993
44	.000003	.999996
45	.000001	.999998
46	.000000	.999998

p=.26		
x	Individual Term	Cumulative (x or less)
6	.000001	.000001
7	.000003	.000004
8	.000011	.000014
9	.000036	.000050
10	.000109	.000160
11	.000297	.000457
12	.000730	.001187
13	.001639	.002826
14	.003372	.006198
15	.006397	.012595
16	.011239	.023834
17	.018350	.042184
18	.027939	.070123
19	.039782	.109904
20	.053114	.163018
21	.066649	.229667
22	.078767	.308434
23	.087837	.396271
24	.092585	.488856
25	.092385	.581241
26	.087391	.668632
27	.078468	.747101
28	.066956	.814056
29	.054351	.868407
30	.042012	.910419
31	.030950	.941369
32	.021749	.963118
33	.014588	.977706
34	.009347	.987053
35	.005723	.992776
36	.003352	.996128
37	.001878	.998006
38	.001007	.999013
39	.000517	.999530
40	.000254	.999784
41	.000120	.999904
42	.000054	.999958
43	.000023	.999982
44	.000010	.999992
45	.000004	.999995
46	.000001	.999997
47	.000001	.999997
48	.000000	.999998

p=.27		
x	Individual Term	Cumulative (x or less)
7	.000001	.000001
8	.000004	.000006
9	.000016	.000022
10	.000050	.000072
11	.000143	.000215
12	.000371	.000587
13	.000877	.001464
14	.001900	.003363
15	.003795	.007158
16	.007017	.014175
17	.012061	.026236
18	.019331	.045567
19	.028975	.074542
20	.040724	.115267
21	.053794	.169061
22	.066924	.235985
23	.078564	.314549
24	.087173	.401722
25	.091568	.493290
26	.091182	.584471
27	.086185	.670657
28	.077415	.748072
29	.066152	.814224
30	.053828	.868052
31	.041745	.909796
32	.030880	.940676
33	.021804	.962480
34	.014706	.977186
35	.009480	.986666
36	.005844	.992509
37	.003446	.995956
38	.001946	.997901
39	.001052	.998953
40	.000545	.999498
41	.000270	.999768
42	.000128	.999896
43	.000059	.999955
44	.000026	.999981
45	.000011	.999991
46	.000004	.999996
47	.000002	.999997
48	.000001	.999998
49	.000000	.999998

50-100 BINOMIAL TABLES

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p=.28

x	Individual Term	Cumulative (x or less)
7	.000000	.000001
8	.000002	.000002
9	.000007	.000009
10	.000022	.000031
11	.000067	.000099
12	.000183	.000281
13	.000454	.000735
14	.001034	.001770
15	.002172	.003942
16	.004223	.008165
17	.007632	.015797
18	.012861	.028658
19	.020270	.048928
20	.029954	.078882
21	.041603	.120486
22	.054421	.174906
23	.067171	.242078
24	.078366	.320444
25	.086551	.406995
26	.090620	.497615
27	.090061	.587676
28	.085057	.672733
29	.076421	.749154
30	.065383	.814537
31	.053314	.867850
32	.041466	.909317
33	.030786	.940102
34	.021832	.961934
35	.014797	.976731
36	.009591	.986321
37	.005947	.992268
38	.003530	.995799
39	.002006	.997805
40	.001092	.998897
41	.000570	.999467
42	.000285	.999752
43	.000137	.999889
44	.000063	.999952
45	.000028	.999979
46	.000012	.999991
47	.000005	.999996
48	.000002	.999997
49	.000001	.999998
50	.000000	.999998

p=.29

x	Individual Term	Cumulative (x or less)
8	.000001	.000001
9	.000003	.000004
10	.000010	.000013
11	.000031	.000044
12	.000087	.000131
13	.000228	.000359
14	.000544	.000903
15	.001201	.002104
16	.002453	.004557
17	.004655	.009212
18	.008239	.017451
19	.013639	.031090
20	.021169	.052259
21	.030880	.083139
22	.042426	.125565
23	.055000	.180565
24	.067394	.247959
25	.078177	.326136
26	.085970	.412106
27	.089737	.501843
28	.089015	.590858
29	.084000	.674857
30	.075481	.750339
31	.064644	.814983
32	.052808	.867791
33	.041178	.908970
34	.030670	.939640
35	.021833	.961473
36	.014863	.976337
37	.009681	.986017
38	.006035	.992052
39	.003603	.995655
40	.002060	.997715
41	.001129	.998844
42	.000593	.999437
43	.000298	.999735
44	.000144	.999879
45	.000067	.999946
46	.000030	.999975
47	.000013	.999988
48	.000005	.999993
49	.000002	.999995
50	.000001	.999996
51	.000000	.999996

p=.30

x	Individual Term	Cumulative (x or less)
8	.000000	.000000
9	.000001	.000001
10	.000004	.000006
11	.000013	.000019
12	.000040	.000059
13	.000111	.000170
14	.000277	.000447
15	.000642	.001089
16	.001376	.002465
17	.002740	.005205
18	.005088	.010293
19	.008838	.019131
20	.014393	.033523
21	.022030	.055553
22	.031757	.087310
23	.043197	.130507
24	.055539	.186047
25	.067599	.253646
26	.077999	.331645
27	.085428	.417073
28	.088914	.505987
29	.088038	.594026
30	.083008	.677033
31	.074592	.751626
32	.063936	.815562
33	.052311	.867873
34	.040882	.908755
35	.030536	.939292
36	.021812	.961103
37	.014906	.976009
38	.009751	.985760
39	.006108	.991868
40	.003665	.995532
41	.002107	.997639
42	.001161	.998800
43	.000613	.999413
44	.000311	.999724
45	.000151	.999874
46	.000070	.999945
47	.000031	.999976
48	.000013	.999990
49	.000006	.999995
50	.000002	.999997
51	.000001	.999998
52	.000000	.999998

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50-100 BINOMIAL TABLES

p=.31			p=.32			p=.33		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
9	.000000	.000001	9	.000000	.000000	11	.000001	.000001
10	.000002	.000002	10	.000001	.000001	12	.000003	.000005
11	.000006	.000008	11	.000002	.000003	13	.000011	.000015
12	.000018	.000026	12	.000008	.000011	14	.000030	.000045
13	.000052	.000078	13	.000024	.000035	15	.000081	.000126
14	.000137	.000215	14	.000065	.000100	16	.000199	.000325
15	.000332	.000547	15	.000166	.000267	17	.000455	.000779
16	.000746	.001293	16	.000391	.000658	18	.000970	.001749
17	.001557	.002850	17	.000856	.001513	19	.001937	.003686
18	.003032	.005882	18	.001745	.003258	20	.003625	.007311
19	.005521	.011403	19	.003327	.006586	21	.006376	.013686
20	.009425	.020828	20	.005950	.012536	22	.010563	.024249
21	.015123	.035951	21	.010000	.022536	23	.016513	.040762
22	.022854	.058804	22	.015829	.038365	24	.024399	.065161
23	.032588	.091393	23	.023643	.062008	25	.034130	.099291
24	.043923	.135316	24	.033378	.095386	26	.045258	.144549
25	.056044	.191360	25	.044609	.139995	27	.056967	.201516
26	.067790	.259150	26	.056518	.196514	28	.068141	.269657
27	.077833	.336982	27	.067969	.264483	29	.077540	.347198
28	.084923	.421905	28	.077679	.342162	30	.084021	.431219
29	.088148	.510054	29	.084455	.426617	31	.086772	.517991
30	.087126	.597180	30	.087435	.514052	32	.085477	.603468
31	.082076	.679256	31	.086274	.600326	33	.080374	.683842
32	.073749	.753005	32	.081199	.681525	34	.072188	.756030
33	.063255	.816260	33	.072949	.754474	35	.061968	.817998
34	.051823	.868083	34	.062600	.817074	36	.050869	.868867
35	.040578	.908661	35	.051342	.868416	37	.039953	.908820
36	.030385	.939046	36	.040268	.908685	38	.030035	.938855
37	.021768	.960814	37	.030217	.938902	39	.021621	.960476
38	.014927	.975741	38	.021704	.960606	40	.014909	.975185
39	.009802	.985543	39	.014928	.975534	41	.009851	.985235
40	.006165	.991708	40	.009835	.985369	42	.006238	.991473
41	.003716	.995424	41	.006208	.991577	43	.003787	.995260
42	.002146	.997570	42	.003756	.995333	44	.002204	.997465
43	.001189	.998759	43	.002179	.997512	45	.001230	.998695
44	.000631	.999390	44	.001212	.998724	46	.000659	.999354
45	.000321	.999711	45	.000646	.999370	47	.000338	.999692
46	.000157	.999868	46	.000331	.999701	48	.000167	.999859
47	.000073	.999941	47	.000162	.999863	49	.000079	.999938
48	.000033	.999974	48	.000076	.999939	50	.000036	.999973
49	.000014	.999989	49	.000034	.999974	51	.000016	.999989
50	.000006	.999994	50	.000015	.999989	52	.000006	.999995
51	.000002	.999997	51	.000006	.999995	53	.000003	.999998
52	.000001	.999998	52	.000002	.999997	54	.000001	.999999
53	.000000	.999998	53	.000001	.999998	55	.000000	.999999
			54	.000000	.999998			

50-100 BINOMIAL TABLES

n=
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p=.34

x	Individual Term	Cumulative (x or less)
11	.000000	.000001
12	.000001	.000002
13	.000005	.000006
14	.000014	.000020
15	.000038	.000058
16	.000098	.000156
17	.000234	.000389
18	.000522	.000911
19	.001089	.002000
20	.002132	.004132
21	.003922	.008054
22	.006796	.014850
23	.011112	.025962
24	.017173	.043134
25	.025124	.068259
26	.034846	.103105
27	.045875	.148980
28	.057394	.206374
29	.068309	.274682
30	.077416	.352099
31	.083622	.435720
32	.086156	.521876
33	.084732	.606607
34	.079596	.686204
35	.071464	.757668
36	.061358	.819026
37	.050403	.869430
38	.039631	.909061
39	.029839	.938900
40	.021520	.960420
41	.014872	.975292
42	.009850	.985142
43	.006254	.991396
44	.003808	.995204
45	.002223	.997427
46	.001245	.998672
47	.000669	.999340
48	.000344	.999685
49	.000170	.999855
50	.000081	.999936
51	.000037	.999972
52	.000016	.999988
53	.000007	.999995
54	.000003	.999998
55	.000001	.999999
56	.000000	.999999

p=.35

x	Individual Term	Cumulative (x or less)
12	.000001	.000001
13	.000002	.000003
14	.000006	.000009
15	.000017	.000026
16	.000046	.000072
17	.000116	.000189
18	.000271	.000460
19	.000592	.001052
20	.001211	.002263
21	.002329	.004592
22	.004219	.008811
23	.007210	.016021
24	.011647	.027668
25	.017811	.045479
26	.025820	.071299
27	.035531	.106830
28	.046463	.153293
29	.057802	.211095
30	.068473	.279568
31	.077308	.356876
32	.083255	.440131
33	.085584	.525714
34	.084035	.609749
35	.078863	.688612
36	.070775	.759387
37	.060769	.821056
38	.049944	.870100
39	.039305	.909405
40	.029630	.939035
41	.021402	.960437
42	.014817	.975254
43	.009834	.985088
44	.006258	.991346
45	.003819	.995165
46	.002235	.997400
47	.001255	.998655
48	.000676	.999330
49	.000349	.999679
50	.000173	.999852
51	.000082	.999934
52	.000037	.999972
53	.000016	.999988
54	.000007	.999995
55	.000003	.999998
56	.000001	.999999
57	.000000	.999999

p=.36

x	Individual Term	Cumulative (x or less)
12	.000000	.000000
13	.000001	.000001
14	.000003	.000004
15	.000008	.000011
16	.000021	.000033
17	.000056	.000089
18	.000137	.000225
19	.000311	.000536
20	.000665	.001201
21	.001336	.002538
22	.002528	.005066
23	.004514	.009579
24	.007617	.017196
25	.012168	.029364
26	.018427	.047791
27	.026489	.074280
28	.036186	.110465
29	.047026	.157491
30	.058194	.215686
31	.068637	.284322
32	.077216	.361538
33	.082920	.444458
34	.085053	.529511
35	.083383	.612894
36	.078171	.691065
37	.070117	.761182
38	.060199	.821381
39	.049490	.870871
40	.038974	.909845
41	.029408	.939253
42	.021269	.960522
43	.014746	.975268
44	.009803	.985070
45	.006249	.991319
46	.003821	.995140
47	.002241	.997381
48	.001260	.998641
49	.000680	.999321
50	.000352	.999673
51	.000175	.999848
52	.000083	.999931
53	.000038	.999969
54	.000017	.999985
55	.000007	.999992
56	.000003	.999995
57	.000001	.999996
58	.000000	.999997

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50-100 BINOMIAL TABLES

p=.37			p=.38			p=.39		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
14	.000001	.000001	14	.000000	.000001	15	.000001	.000001
15	.000003	.000005	15	.000001	.000002	16	.000002	.000002
16	.000010	.000014	16	.000004	.000006	17	.000005	.000008
17	.000026	.000040	17	.000012	.000018	18	.000014	.000022
18	.000066	.000107	18	.000031	.000049	19	.000037	.000059
19	.000158	.000265	19	.000078	.000127	20	.000090	.000149
20	.000353	.000618	20	.000181	.000308	21	.000206	.000355
21	.000741	.001359	21	.000397	.000705	22	.000442	.000797
22	.001463	.002822	22	.000818	.001523	23	.000897	.001694
23	.002728	.005550	23	.001592	.003115	24	.001721	.003414
24	.004806	.010355	24	.002926	.006041	25	.003124	.006539
25	.008015	.018371	25	.005094	.011135	26	.005378	.011917
26	.012674	.031045	26	.008406	.019541	27	.008787	.020703
27	.019022	.050067	27	.013166	.032707	28	.013643	.034347
28	.027131	.077199	28	.019597	.052304	29	.020152	.054499
29	.036814	.114012	29	.027750	.080054	30	.028346	.082845
30	.047566	.161578	30	.037418	.117472	31	.037999	.120843
31	.058574	.220153	31	.048086	.165558	32	.048589	.169432
32	.068802	.288954	32	.058944	.224502	33	.059306	.228738
33	.077141	.366096	33	.068970	.293472	34	.069142	.297880
34	.082615	.448711	34	.077084	.370556	35	.077044	.374925
35	.084564	.533275	35	.082341	.452897	36	.082096	.457021
36	.082774	.616048	36	.084112	.537010	37	.083697	.540718
37	.077518	.693567	37	.082206	.619215	38	.081675	.622393
38	.069488	.763055	38	.076902	.696117	39	.076319	.698712
39	.059646	.822701	39	.068887	.765004	40	.068312	.767024
40	.049042	.871743	40	.059110	.824114	41	.058588	.825612
41	.038638	.910381	41	.048599	.872713	42	.048160	.873773
42	.029175	.939556	42	.038297	.911011	43	.037952	.911724
43	.021120	.960676	43	.028931	.939942	44	.028676	.940400
44	.014659	.975335	44	.020956	.960898	45	.020778	.961178
45	.009757	.985092	45	.014557	.975454	46	.014440	.975618
46	.006229	.991320	46	.009698	.985152	47	.009625	.985243
47	.003814	.995134	47	.006197	.991348	48	.006154	.991396
48	.002240	.997374	48	.003798	.995146	49	.003774	.995170
49	.001262	.998636	49	.002233	.997379	50	.002220	.997389
50	.000682	.999317	50	.001259	.998638	51	.001252	.998642
51	.000353	.999671	51	.000681	.999319	52	.000677	.999319
52	.000176	.999846	52	.000353	.999672	53	.000351	.999670
53	.000084	.999930	53	.000176	.999847	54	.000175	.999845
54	.000038	.999968	54	.000084	.999931	55	.000083	.999928
55	.000017	.999985	55	.000038	.999969	56	.000038	.999966
56	.000007	.999992	56	.000017	.999986	57	.000017	.999983
57	.000003	.999995	57	.000007	.999993	58	.000007	.999990
58	.000001	.999996	58	.000003	.999996	59	.000003	.999993
59	.000000	.999996	59	.000001	.999997	60	.000001	.999994
			60	.000000	.999997	61	.000000	.999994

50-100 BINOMIAL TABLES

n=
95

p=.40

x	Individual Term	Cumulative (x or less)
15	.000000	.000000
16	.000001	.000001
17	.000002	.000003
18	.000006	.000010
19	.000017	.000027
20	.000043	.000070
21	.000103	.000173
22	.000231	.000404
23	.000489	.000892
24	.000977	.001869
25	.001850	.003719
26	.003320	.007039
27	.005657	.012696
28	.009158	.021854
29	.014106	.035961
30	.020689	.056650
31	.028920	.085570
32	.038560	.124130
33	.049077	.173206
34	.059662	.232868
35	.069321	.302189
36	.077023	.379213
37	.081881	.461093
38	.083317	.544411
39	.081181	.625592
40	.075769	.701361
41	.067761	.769121
42	.058081	.827202
43	.047725	.874927
44	.037602	.912529
45	.028410	.940939
46	.020587	.961526
47	.014309	.975835
48	.009539	.985374
49	.006100	.991474
50	.003741	.995215
51	.002201	.997416
52	.001241	.998657
53	.000671	.999329
54	.000348	.999677
55	.000173	.999850
56	.000082	.999932
57	.000038	.999970
58	.000016	.999986
59	.000007	.999993
60	.000003	.999996
61	.000001	.999997
62	.000000	.999998

p=.41

x	Individual Term	Cumulative (x or less)
17	.000001	.000001
18	.000003	.000004
19	.000008	.000012
20	.000020	.000032
21	.000050	.000082
22	.000117	.000198
23	.000257	.000455
24	.000536	.000991
25	.001058	.002048
26	.001979	.004027
27	.003514	.007541
28	.005930	.013470
29	.009520	.022991
30	.014555	.037546
31	.021207	.058753
32	.029475	.088228
33	.039103	.127331
34	.049551	.176882
35	.060013	.236895
36	.069507	.306402
37	.077021	.383424
38	.081693	.465117
39	.082971	.548088
40	.080721	.628810
41	.075249	.704058
42	.067232	.771290
43	.057586	.828876
44	.047293	.876168
45	.037247	.913415
46	.028134	.941549
47	.020383	.961931
48	.014164	.976076
49	.009441	.985537
50	.006036	.991573
51	.003701	.995274
52	.002176	.997450
53	.001227	.998677
54	.000663	.999340
55	.000344	.999684
56	.000171	.999854
57	.000081	.999935
58	.000037	.999972
59	.000016	.999988
60	.000007	.999995
61	.000003	.999998
62	.000001	.999999
63	.000000	.999999

p=.42

x	Individual Term	Cumulative (x or less)
17	.000000	.000001
18	.000001	.000002
19	.000003	.000005
20	.000009	.000014
21	.000023	.000037
22	.000057	.000094
23	.000131	.000225
24	.000284	.000509
25	.000584	.001092
26	.001138	.002231
27	.002106	.004337
28	.003704	.008041
29	.006197	.014237
30	.009872	.024109
31	.014989	.039099
32	.021709	.060807
33	.030011	.090818
34	.039629	.130447
35	.050014	.180461
36	.060362	.240823
37	.069701	.310524
38	.077038	.387562
39	.081533	.469095
40	.082658	.551752
41	.080294	.632046
42	.074756	.706803
43	.066723	.773526
44	.057102	.830628
45	.046863	.877490
46	.036886	.914376
47	.027847	.942224
48	.020165	.962389
49	.014006	.976395
50	.009333	.985726
51	.005962	.991688
52	.003653	.995342
53	.002146	.997488
54	.001209	.998997
55	.000653	.999349
56	.000338	.999687
57	.000167	.999854
58	.000079	.999933
59	.000036	.999969
60	.000016	.999985
61	.000007	.999991
62	.000003	.999994
63	.000001	.999995
64	.000000	.999995

p=.43			p=.44			p=.45		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
18	.000000	.000001	18	.000000	.000000	20	.000001	.000001
19	.000001	.000002	19	.000001	.000001	21	.000002	.000003
20	.000004	.000006	20	.000002	.000002	22	.000005	.000008
21	.000011	.000016	21	.000005	.000007	23	.000014	.000022
22	.000027	.000043	22	.000012	.000019	24	.000034	.000056
23	.000064	.000107	23	.000030	.000050	25	.000080	.000136
24	.000145	.000253	24	.000072	.000121	26	.000175	.000311
25	.000311	.000564	25	.000160	.000282	27	.000366	.000678
26	.000632	.001196	26	.000339	.000620	28	.000728	.001406
27	.001218	.002414	27	.000680	.001301	29	.001377	.002783
28	.002232	.004647	28	.001298	.002599	30	.002478	.005260
29	.003891	.008537	29	.002356	.004955	31	.004251	.009511
30	.006457	.014994	30	.004073	.009028	32	.006956	.016467
31	.010213	.025208	31	.006710	.015738	33	.010865	.027331
32	.015410	.040617	32	.010544	.026282	34	.016210	.043541
33	.022193	.062810	33	.015817	.042099	35	.023115	.066656
34	.030530	.093340	34	.022662	.064761	36	.031520	.098176
35	.040140	.133480	35	.031033	.095793	37	.041123	.139300
36	.050469	.183949	36	.040638	.136431	38	.051355	.190655
37	.060711	.244660	37	.050915	.187346	39	.061411	.252066
38	.069904	.314564	38	.061060	.248406	40	.070343	.322409
39	.077074	.391638	39	.070118	.318524	41	.077206	.399615
40	.081401	.473038	40	.077130	.395653	42	.081217	.480831
41	.082376	.555414	41	.081295	.476949	43	.081903	.562735
42	.079898	.635313	42	.082125	.559073	44	.079196	.641931
43	.074292	.709604	43	.079533	.638606	45	.073436	.715367
44	.066234	.775839	44	.073852	.712458	46	.065309	.780676
45	.056628	.832467	45	.065763	.778221	47	.055708	.836384
46	.046434	.878902	46	.056164	.834386	48	.045580	.881964
47	.036520	.915422	47	.046007	.880393	49	.035770	.917734
48	.027550	.942972	48	.036148	.916541	50	.026925	.944659
49	.019935	.962907	49	.027243	.943784	51	.019438	.964097
50	.013836	.976743	50	.019693	.963477	52	.013457	.977554
51	.009210	.985953	51	.013653	.977129	53	.008933	.986487
52	.005879	.991832	52	.009077	.986206	54	.005685	.992172
53	.003598	.995430	53	.005786	.991992	55	.003467	.995639
54	.002111	.997541	54	.003536	.995528	56	.002026	.997665
55	.001187	.998728	55	.002071	.997599	57	.001134	.998799
56	.000640	.999368	56	.001162	.998762	58	.000608	.999407
57	.000330	.999698	57	.000625	.999386	59	.000312	.999719
58	.000163	.999861	58	.000322	.999708	60	.000153	.999872
59	.000077	.999938	59	.000158	.999867	61	.000072	.999944
60	.000035	.999973	60	.000075	.999941	62	.000032	.999977
61	.000015	.999988	61	.000034	.999975	63	.000014	.999990
62	.000006	.999995	62	.000015	.999990	64	.000006	.999996
63	.000002	.999997	63	.000006	.999996	65	.000002	.999998
64	.000001	.999998	64	.000002	.999998	66	.000001	.999999
65	.000000	.999998	65	.000001	.999999	67	.000000	.999999
			66	.000000	.999999	68	.000000	1.000000

50-100 BINOMIAL TABLES

n=
95

p=.46

x	Individual Term	Cumulative (x or less)
20	.000000	.000000
21	.000001	.000001
22	.000002	.000003
23	.000006	.000010
24	.000016	.000025
25	.000038	.000064
26	.000088	.000151
27	.000191	.000342
28	.000394	.000736
29	.000776	.001511
30	.001454	.002965
31	.002596	.005561
32	.004423	.009984
33	.007193	.017178
34	.011174	.028352
35	.016590	.044942
36	.023553	.068495
37	.031994	.100489
38	.041598	.142087
39	.051790	.193878
40	.061765	.255643
41	.070581	.326224
42	.077303	.403526
43	.081164	.484690
44	.081711	.566401
45	.078886	.645288
46	.073043	.718330
47	.064869	.783200
48	.055259	.838459
49	.045151	.883610
50	.035385	.918995
51	.026597	.945592
52	.019171	.964763
53	.013249	.978013
54	.008778	.986791
55	.005574	.992365
56	.003392	.995757
57	.001977	.997734
58	.001103	.998838
59	.000589	.999427
60	.000301	.999728
61	.000147	.999875
62	.000069	.999944
63	.000031	.999975
64	.000013	.999988
65	.000005	.999993
66	.000002	.999995
67	.000001	.999996
68	.000000	.999997

p=.47

x	Individual Term	Cumulative (x or less)
22	.000001	.000001
23	.000003	.000004
24	.000007	.000011
25	.000018	.000029
26	.000042	.000071
27	.000096	.000166
28	.000206	.000372
29	.000421	.000793
30	.000822	.001616
31	.001529	.003144
32	.002711	.005856
33	.004590	.010446
34	.007423	.017869
35	.011473	.029342
36	.016957	.046299
37	.023978	.070277
38	.032455	.102731
39	.042064	.144795
40	.052223	.197018
41	.062124	.259142
42	.070831	.329973
43	.077420	.407394
44	.081139	.488532
45	.081547	.570079
46	.078603	.648683
47	.072671	.721354
48	.064444	.785798
49	.054816	.840614
50	.044722	.885335
51	.034993	.920328
52	.026257	.946586
53	.018892	.965477
54	.013030	.978507
55	.008614	.987121
56	.005456	.992577
57	.003311	.995887
58	.001924	.997811
59	.001070	.998881
60	.000569	.999450
61	.000290	.999740
62	.000141	.999881
63	.000065	.999946
64	.000029	.999975
65	.000012	.999987
66	.000005	.999992
67	.000002	.999994
68	.000001	.999995
69	.000000	.999995

p=.48

x	Individual Term	Cumulative (x or less)
22	.000000	.000001
23	.000001	.000002
24	.000003	.000005
25	.000008	.000013
26	.000020	.000032
27	.000046	.000078
28	.000104	.000182
29	.000221	.000403
30	.000448	.000851
31	.000868	.001718
32	.001602	.003320
33	.002823	.006143
34	.004752	.010895
35	.007644	.018539
36	.011760	.030299
37	.017311	.047610
38	.024389	.071999
39	.032903	.104903
40	.042521	.147424
41	.052653	.200077
42	.062489	.262566
43	.071097	.333663
44	.077560	.411224
45	.081140	.492364
46	.081411	.573775
47	.078347	.652122
48	.072320	.724442
49	.064032	.788475
50	.054378	.842853
51	.044290	.887143
52	.034593	.921736
53	.025907	.947643
54	.018600	.966243
55	.012799	.979042
56	.008439	.987481
57	.005330	.992810
58	.003223	.996034
59	.001866	.997900
60	.001033	.998933
61	.000547	.999480
62	.000277	.999758
63	.000134	.999892
64	.000061	.999953
65	.000027	.999981
66	.000011	.999992
67	.000005	.999997
68	.000002	.999998
69	.000001	.999999
70	.000000	.999999

n=
95

50-100 BINOMIAL TABLES

p=.49		
x	Individual Term	Cumulative (x or less)
23	.000000	.000001
24	.000001	.000002
25	.000003	.000005
26	.000008	.000013
27	.000022	.000035
28	.000050	.000085
29	.000111	.000197
30	.000236	.000432
31	.000474	.000907
32	.000912	.001819
33	.001672	.003491
34	.002930	.006421
35	.004906	.011328
36	.007857	.019184
37	.012037	.031221
38	.017652	.048873
39	.024787	.073660
40	.033341	.107001
41	.042972	.149973
42	.053083	.203055
43	.062862	.265917
44	.071378	.337294
45	.077722	.415017
46	.081168	.496184
47	.081303	.577488
48	.078115	.655602
49	.071988	.727591
50	.063632	.791222
51	.053944	.845166
52	.043855	.889021
53	.034185	.923206
54	.025546	.948752
55	.018296	.967049
56	.012556	.979605
57	.008255	.987860
58	.005196	.993056
59	.003131	.996187
60	.001805	.997992
61	.000995	.998986
62	.000524	.999511
63	.000264	.999775
64	.000127	.999901
65	.000058	.999959
66	.000025	.999985
67	.000011	.999995
68	.000004	.999999
69	.000002	1.000001
70	.000001	1.000001
71	.000000	1.000002

p=.50		
x	Individual Term	Cumulative (x or less)
24	.000000	.000001
25	.000001	.000002
26	.000004	.000006
27	.000010	.000015
28	.000023	.000039
29	.000054	.000093
30	.000119	.000212
31	.000250	.000462
32	.000500	.000962
33	.000954	.001916
34	.001740	.003656
35	.003032	.006689
36	.005054	.011744
37	.008060	.019804
38	.012302	.032106
39	.017980	.050086
40	.025172	.075259
41	.033768	.109127
42	.043416	.152442
43	.053512	.205955
44	.063242	.269197
45	.071674	.340871
46	.077907	.418778
47	.081222	.500000
48	.081222	.581222
49	.077907	.659128
50	.071674	.730803
51	.063242	.794045
52	.053512	.847557
53	.043416	.890973
54	.033768	.924741
55	.025172	.949913
56	.017980	.967893
57	.012302	.980195
58	.008060	.988256
59	.005055	.993310
60	.003033	.996343
61	.001740	.998083
62	.000954	.999037
63	.000500	.999537
64	.000250	.999787
65	.000119	.999906
66	.000054	.999961
67	.000023	.999984
68	.000010	.999994
69	.000004	.999997
70	.000001	.999999
71	.000000	.999999

50-100 BINOMIAL TABLES

n=
100

p=.01

x	Individual Term	Cumulative (x or less)
0	.366032	.366032
1	.369730	.735762
2	.184865	.920627
3	.060999	.981626
4	.014942	.996568
5	.002898	.999465
6	.000463	.999929
7	.000063	.999992
8	.000007	.999999
9	.000001	1.000000

10 .000000 1.000001

p=.02

x	Individual Term	Cumulative (x or less)
0	.132620	.132620
1	.270652	.403272
2	.273414	.676686
3	.182276	.858962
4	.090208	.949170
5	.035347	.984516
6	.011422	.995938
7	.003130	.999068
8	.000743	.999811
9	.000155	.999966
10	.000029	.999994
11	.000005	.999999
12	.000001	1.000000
13	.000000	1.000001

p=.03

x	Individual Term	Cumulative (x or less)
0	.047553	.047553
1	.147070	.194622
2	.225153	.419775
3	.227474	.647249
4	.170606	.817855
5	.101308	.919163
6	.049610	.968772
7	.020604	.989376
8	.007408	.996784
9	.002342	.999126
10	.000659	.999785
11	.000167	.999952
12	.000038	.999990
13	.000008	.999998
14	.000002	.999999
15	.000000	1.000000

p=.04

x	Individual Term	Cumulative (x or less)
0	.016870	.016870
1	.070293	.087163
2	.144979	.232143
3	.197333	.429476
4	.199389	.628864
5	.159511	.788375
6	.105233	.893608
7	.058880	.952488
8	.028520	.981008
9	.012147	.993156
10	.004606	.997761
11	.001570	.999332
12	.000485	.999817
13	.000137	.999954
14	.000035	.999989
15	.000008	.999998
16	.000002	1.000000
17	.000000	1.000000

p=.05

x	Individual Term	Cumulative (x or less)
0	.005921	.005921
1	.031161	.037081
2	.081182	.118263
3	.139576	.257839
4	.178143	.435981
5	.180018	.615999
6	.150015	.766014
7	.106025	.872039
8	.064871	.936910
9	.034901	.971811
10	.016716	.988527
11	.007198	.995725
12	.002810	.998535
13	.001001	.999536
14	.000327	.999864
15	.000099	.999962
16	.000028	.999990
17	.000007	.999997
18	.000002	.999999
19	.000000	.999999

p=.06

x	Individual Term	Cumulative (x or less)
0	.002055	.002055
1	.013116	.015171
2	.041442	.056613
3	.086410	.143023
4	.133752	.276775
5	.163917	.440692
6	.165661	.606353
7	.141995	.748348
8	.105363	.853712
9	.068748	.922460
10	.039932	.962392
11	.020854	.983246
12	.009873	.993119
13	.004266	.997384
14	.001692	.999076
15	.000619	.999695
16	.000210	.999905
17	.000066	.999972
18	.000019	.999991
19	.000005	.999997
20	.000001	.999998
21	.000000	.999998

n=
100

50-100 BINOMIAL TABLES

p=.07			p=.08			p=.09		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
0	.000705	.000705	0	.000239	.000239	0	.000080	.000080
1	.005308	.006013	1	.002080	.002319	1	.000793	.000873
2	.019776	.025789	2	.008953	.011273	2	.003883	.004756
3	.048624	.074412	3	.025433	.036706	3	.012544	.017301
4	.088752	.163164	4	.053631	.090337	4	.030086	.047387
5	.128261	.291425	5	.089540	.179877	5	.057130	.104517
6	.152855	.444280	6	.123280	.303156	6	.089463	.193980
7	.154499	.598779	7	.143954	.447110	7	.118815	.312795
8	.135187	.733966	8	.145518	.592628	8	.136605	.449400
9	.104014	.837980	9	.129350	.721978	9	.138106	.587506
10	.071244	.909224	10	.102355	.824333	10	.124295	.711801
11	.043875	.953099	11	.072822	.897155	11	.100579	.812379
12	.024493	.977592	12	.046965	.944119	12	.073776	.886156
13	.012479	.990071	13	.027645	.971764	13	.049392	.935547
14	.005837	.995908	14	.014939	.986703	14	.030356	.965904
15	.002519	.998427	15	.007448	.994150	15	.017213	.983117
16	.001007	.999435	16	.003440	.997591	16	.009044	.992161
17	.000375	.999809	17	.001478	.999069	17	.004420	.996580
18	.000130	.999939	18	.000593	.999662	18	.002016	.998596
19	.000042	.999981	19	.000222	.999884	19	.000860	.999456
20	.000013	.999994	20	.000078	.999962	20	.000345	.999801
21	.000004	.999998	21	.000026	.999988	21	.000130	.999931
22	.000001	.999999	22	.000008	.999996	22	.000046	.999977
23	.000000	.999999	23	.000002	.999999	23	.000015	.999992
			24	.000001	1.000000	24	.000005	.999997
			25	.000000	1.000000	25	.000001	.999999
						26	.000000	.999999

50-100 BINOMIAL TABLES

n=
100

p=.10		
x	Individual Term	Cumulative (x or less)
0	.000027	.000027
1	.000295	.000322
2	.001623	.001945
3	.005892	.007836
4	.015875	.023711
5	.033866	.057577
6	.059579	.117156
7	.088895	.206051
8	.114823	.320874
9	.130416	.451290
10	.131865	.583155
11	.119877	.703032
12	.098788	.801820
13	.074302	.876122
14	.051304	.927425
15	.032682	.960108
16	.019292	.979399
17	.010592	.989991
18	.005427	.995417
19	.002602	.998020
20	.001171	.999191
21	.000496	.999686
22	.000198	.999884
23	.000075	.999959
24	.000027	.999985
25	.000009	.999994
26	.000003	.999997
27	.000001	.999998
28	.000000	.999998

p=.11		
x	Individual Term	Cumulative (x or less)
0	.000009	.000009
1	.000107	.000116
2	.000657	.000773
3	.002653	.003426
4	.007951	.011377
5	.018869	.030246
6	.036924	.067170
7	.061284	.128454
8	.088052	.216506
9	.111247	.327753
10	.125122	.452874
11	.126527	.579402
12	.115983	.695385
13	.097037	.792422
14	.074530	.866952
15	.052813	.919765
16	.034677	.954442
17	.021178	.975620
18	.012069	.987689
19	.006438	.994127
20	.003223	.997350
21	.001517	.998867
22	.000673	.999540
23	.000282	.999823
24	.000112	.999934
25	.000042	.999977
26	.000015	.999992
27	.000005	.999997
28	.000002	.999998
29	.000001	.999999
30	.000000	.999999

p=.12		
x	Individual Term	Cumulative (x or less)
0	.000003	.000003
1	.000038	.000041
2	.000258	.000299
3	.001151	.001450
4	.003806	.005257
5	.009965	.015222
6	.021516	.036737
7	.039399	.076136
8	.062456	.138592
9	.087060	.225651
10	.108033	.333685
11	.120533	.454217
12	.121902	.576120
13	.112525	.688645
14	.095354	.783999
15	.074550	.858549
16	.054006	.912555
17	.036389	.948944
18	.022881	.971825
19	.013466	.985291
20	.007437	.992728
21	.003863	.996591
22	.001892	.998483
23	.000875	.999358
24	.000383	.999740
25	.000159	.999899
26	.000062	.999962
27	.000023	.999985
28	.000008	.999993
29	.000003	.999996
30	.000001	.999997
31	.000000	.999997

n=
100

50-100 BINOMIAL TABLES

p=.13			p=.14			p=.15		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
0	.000001	.000001	0	.000000	.000000	1	.000002	.000002
1	.000013	.000014	1	.000005	.000005	2	.000013	.000015
2	.000099	.000113	2	.000037	.000042	3	.000078	.000093
3	.000483	.000596	3	.000197	.000238	4	.000333	.000426
4	.001750	.002346	4	.000776	.001014	5	.001127	.001553
5	.005021	.007367	5	.002425	.003439	6	.003149	.004702
6	.011879	.019246	6	.006251	.009690	7	.007463	.012165
7	.023835	.043081	7	.013664	.023354	8	.015310	.027476
8	.041403	.084484	8	.025858	.049212	9	.027619	.053095
9	.063242	.147726	9	.043030	.092242	10	.044353	.099447
10	.085994	.233720	10	.063745	.155987	11	.064039	.163486
11	.105134	.338854	11	.084903	.240890	12	.083815	.247301
12	.116514	.455368	12	.102509	.343399	13	.100123	.347425
13	.117853	.573221	13	.112962	.456361	14	.109799	.457224
14	.109435	.682656	14	.114275	.570636	15	.111091	.568314
15	.093753	.776409	15	.106657	.677293	16	.104148	.672462
16	.074423	.850832	16	.092240	.769533	17	.090814	.763276
17	.054949	.905782	17	.074195	.843728	18	.073898	.837173
18	.037861	.943643	18	.055694	.899423	19	.056281	.893454
19	.024416	.968059	19	.039129	.938552	20	.040224	.933679
20	.014776	.982835	20	.025798	.964350	21	.027042	.960720
21	.008411	.991246	21	.015999	.980349	22	.017136	.977856
22	.004513	.995759	22	.009352	.989701	23	.010255	.988112
23	.002287	.998046	23	.005163	.994864	24	.005806	.993918
24	.001096	.999143	24	.002697	.997561	25	.003115	.997031
25	.000498	.999641	25	.001335	.998895	26	.001586	.998619
26	.000215	.999855	26	.000627	.999522	27	.000767	.999381
27	.000088	.999943	27	.000280	.999802	28	.000353	.999738
28	.000034	.999978	28	.000119	.999920	29	.000155	.999891
29	.000013	.999990	29	.000048	.999968	30	.000065	.999957
30	.000004	.999995	30	.000018	.999987	31	.000026	.999981
31	.000002	.999996	31	.000007	.999994	32	.000010	.999991
32	.000000	.999997	32	.000002	.999996	33	.000004	.999997
			33	.000001	.999997	34	.000001	.999999
			34	.000000	.999997	35	.000000	.999999

50-100 BINOMIAL TABLES

n=
100

p=.16

x	Individual Term	Cumulative (x or less)
1	.000001	.000001
2	.000005	.000005
3	.000030	.000035
4	.000138	.000174
5	.000506	.000679
6	.001525	.002204
7	.003901	.006105
8	.008637	.014742
9	.016817	.031559
10	.029150	.060709
11	.045429	.106138
12	.064177	.170315
13	.082748	.253064
14	.097947	.351011
15	.106964	.457975
16	.108238	.566213
17	.101871	.668084
18	.089474	.757558
19	.073552	.831110
20	.056740	.887851
21	.041172	.929023
22	.028161	.957184
23	.018191	.975375
24	.011117	.986492
25	.006437	.992929
26	.003537	.996466
27	.001846	.998312
28	.000917	.999229
29	.000434	.999663
30	.000195	.999858
31	.000084	.999942
32	.000035	.999977
33	.000014	.999990
34	.000005	.999996
35	.000002	.999997
36	.000001	.999998
37	.000000	.999998

p=.17

x	Individual Term	Cumulative (x or less)
2	.000002	.000002
3	.000011	.000013
4	.000056	.000069
5	.000219	.000288
6	.000712	.001000
7	.001958	.002958
8	.004661	.007619
9	.009799	.017378
10	.018190	.035568
11	.030482	.066049
12	.046304	.112354
13	.064199	.176553
14	.081713	.258267
15	.095956	.354223
16	.104410	.458632
17	.105668	.564300
18	.099797	.664097
19	.088216	.752314
20	.073177	.825491
21	.057097	.882589
22	.041994	.924583
23	.029170	.953753
24	.019168	.972921
25	.011935	.984856
26	.007052	.991907
27	.003958	.995866
28	.002114	.997979
29	.001075	.999054
30	.000521	.999575
31	.000241	.999816
32	.000106	.999923
33	.000045	.999968
34	.000018	.999986
35	.000007	.999993
36	.000003	.999995
37	.000001	.999996
38	.000000	.999997

p=.18

x	Individual Term	Cumulative (x or less)
2	.000001	.000001
3	.000004	.000005
4	.000022	.000027
5	.000092	.000119
6	.000321	.000440
7	.000946	.001386
8	.002414	.003800
9	.005417	.009217
10	.010821	.020039
11	.019435	.039474
12	.031641	.071115
13	.047016	.118131
14	.064136	.182267
15	.080717	.262984
16	.094129	.357113
17	.102097	.459209
18	.103342	.562551
19	.097903	.660453
20	.087038	.747491
21	.072784	.820275
22	.057372	.877647
23	.042710	.920357
24	.030079	.950436
25	.020072	.970508
26	.012710	.983218
27	.007647	.990865
28	.004376	.995241
29	.002385	.997626
30	.001239	.998865
31	.000614	.999479
32	.000291	.999770
33	.000131	.999901
34	.000057	.999958
35	.000024	.999982
36	.000009	.999991
37	.000004	.999994
38	.000001	.999996
39	.000000	.999996

n=
100

50-100 BINOMIAL TABLES

p=.19		
x	Individual Term	Cumulative (x or less)
3	.000001	.000002
4	.000008	.000010
5	.000038	.000048
6	.000140	.000188
7	.000441	.000629
8	.001203	.001832
9	.002885	.004718
10	.006159	.010876
11	.011820	.022696
12	.020563	.043259
13	.032651	.075910
14	.047994	.123904
15	.064007	.187512
16	.079762	.267274
17	.092448	.359722
18	.099993	.459715
19	.101228	.560943
20	.096166	.657109
21	.085934	.743043
22	.072383	.815426
23	.057580	.873006
24	.043333	.916339
25	.030900	.947239
26	.020908	.968147
27	.013442	.981589
28	.008220	.989809
29	.004787	.994596
30	.002658	.997254
31	.001408	.998662
32	.000712	.999374
33	.000344	.999718
34	.000159	.999877
35	.000070	.999947
36	.000030	.999977
37	.000012	.999989
38	.000005	.999994
39	.000002	.999996
40	.000001	.999996
41	.000000	.999996
42	.000000	.999997

p=.20		
x	Individual Term	Cumulative (x or less)
3	.000001	.000001
4	.000003	.000004
5	.000015	.000019
6	.000039	.000078
7	.000199	.000277
8	.000378	.000855
9	.001478	.002334
10	.003363	.005696
11	.006878	.012575
12	.012754	.025329
13	.021583	.046912
14	.033531	.080444
15	.048062	.128505
16	.063832	.192337
17	.078851	.271189
18	.090898	.362087
19	.098074	.460161
20	.099300	.559461
21	.094571	.654032
22	.084899	.738931
23	.071980	.810911
24	.057734	.868645
25	.043878	.912523
26	.031643	.944166
27	.021681	.965847
28	.014131	.979978
29	.008771	.988749
30	.005190	.993939
31	.002930	.996868
32	.001579	.998448
33	.000814	.999261
34	.000401	.999662
35	.000189	.999851
36	.000085	.999936
37	.000037	.999973
38	.000015	.999988
39	.000006	.999995
40	.000002	.999997
41	.000001	.999998
42	.000000	.999998

p=.21		
x	Individual Term	Cumulative (x or less)
4	.000001	.000001
5	.000006	.000007
6	.000024	.000031
7	.000087	.000118
8	.000269	.000387
9	.000730	.001117
10	.001766	.002883
11	.003840	.006723
12	.007571	.014295
13	.013624	.027919
14	.022906	.050425
15	.034300	.084724
16	.048438	.133162
17	.063622	.196784
18	.077984	.274768
19	.089466	.364233
20	.096317	.460550
21	.097536	.558087
22	.093103	.651190
23	.083931	.735120
24	.071580	.806701
25	.057844	.864545
26	.044355	.908899
27	.032315	.941214
28	.022395	.963609
29	.014780	.978390
30	.009298	.987688
31	.005581	.993269
32	.003199	.996469
33	.001752	.998221
34	.000918	.999139
35	.000460	.999599
36	.000221	.999820
37	.000102	.999921
38	.000045	.999966
39	.000019	.999985
40	.000008	.999991
41	.000003	.999996
42	.000001	.999997
43	.000000	.999997

50-100 BINOMIAL TABLES

n=
100

p=.22

x	Individual Term	Cumulative (x or less)
4	.000000	.000000
5	.000002	.000003
6	.000010	.000012
7	.000037	.000049
8	.000121	.000170
9	.000348	.000518
10	.000893	.001411
11	.002062	.003473
12	.004313	.007786
13	.008234	.016020
14	.014433	.030453
15	.023339	.053792
16	.034971	.088763
17	.048738	.137501
18	.063387	.200888
19	.077159	.278048
20	.088140	.366188
21	.094705	.460892
22	.095919	.556811
23	.091748	.648559
24	.083024	.731584
25	.071188	.802772
26	.057919	.860691
27	.044773	.905464
28	.032924	.938388
29	.023056	.961444
30	.015390	.976834
31	.009802	.986636
32	.005961	.992597
33	.003465	.996061
34	.001926	.997987
35	.001024	.999011
36	.000522	.999533
37	.000254	.999787
38	.000119	.999906
39	.000053	.999960
40	.000023	.999983
41	.000009	.999992
42	.000004	.999996
43	.000001	.999997
44	.000001	.999998
45	.000000	.999998

p=.23

x	Individual Term	Cumulative (x or less)
5	.000001	.000001
6	.000004	.000005
7	.000015	.000020
8	.000053	.000072
9	.000160	.000233
10	.000436	.000669
11	.001066	.001735
12	.002362	.004097
13	.004776	.008873
14	.008865	.017738
15	.015182	.032920
16	.024092	.057012
17	.035558	.092570
18	.048975	.141545
19	.063135	.204680
20	.076377	.281057
21	.086911	.367968
22	.093221	.461189
23	.094432	.555621
24	.090497	.646118
25	.082176	.728294
26	.070806	.799100
27	.057966	.857066
28	.045142	.902207
29	.033477	.935684
30	.023666	.959350
31	.015962	.975313
32	.010281	.985594
33	.006328	.991922
34	.003725	.995646
35	.002098	.997744
36	.001132	.998876
37	.000585	.999460
38	.000290	.999750
39	.000137	.999887
40	.000063	.999950
41	.000027	.999977
42	.000011	.999989
43	.000005	.999994
44	.000002	.999995
45	.000001	.999996
46	.000000	.999996

p=.24

x	Individual Term	Cumulative (x or less)
5	.000000	.000000
6	.000001	.000002
7	.000006	.000008
8	.000022	.000030
9	.000072	.000102
10	.000206	.000308
11	.000532	.000840
12	.001246	.002085
13	.002663	.004749
14	.005227	.009975
15	.009463	.019438
16	.015875	.035314
17	.024771	.060085
18	.036070	.096155
19	.049160	.145315
20	.062873	.208188
21	.075636	.283824
22	.085769	.369594
23	.091854	.461447
24	.093062	.554510
25	.089340	.643850
26	.081382	.725232
27	.070436	.795668
28	.057991	.853659
29	.045466	.899126
30	.033980	.933106
31	.024230	.957336
32	.016499	.973835
33	.010736	.984572
34	.006681	.991253
35	.003978	.995231
36	.002268	.997499
37	.001239	.998739
38	.000649	.999387
39	.000326	.999713
40	.000157	.999870
41	.000072	.999942
42	.000032	.999974
43	.000014	.999988
44	.000006	.999994
45	.000002	.999996
46	.000001	.999997
47	.000000	.999997

n=
100

50-100 BINOMIAL TABLES

p=.25			p=.26			p=.27		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
6	.000001	.000001	6	.000000	.000000	8	.000001	.000002
7	.000002	.000003	7	.000001	.000001	9	.000005	.000007
8	.000009	.000012	8	.000004	.000005			
9	.000031	.000043	9	.000013	.000018	10	.000018	.000025
10	.000094	.000137	10	.000042	.000059	11	.000054	.000079
11	.000256	.000394	11	.000120	.000179	12	.000148	.000227
12	.000634	.001027	12	.000311	.000490	13	.000370	.000597
13	.001430	.002458	13	.000741	.001231	14	.000851	.001449
14	.002963	.005421	14	.001618	.002849			
15	.005662	.011083	15	.003258	.006107	15	.001806	.003254
16	.010027	.021111	16	.006082	.012189	16	.003548	.006802
17	.016516	.037626	17	.010359	.022748	17	.006484	.013285
18	.025385	.063011	18	.017106	.039554	18	.011058	.024343
19	.036519	.099530	19	.029939	.065793	19	.017651	.041993
20	.049301	.148831	20	.036911	.102704	20	.026440	.068433
21	.062604	.211435	21	.049405	.152109	21	.037253	.105686
22	.074935	.286370	22	.062332	.214441	22	.049478	.155164
23	.084709	.371079	23	.074271	.288712	23	.062061	.217225
24	.090592	.461670	24	.083723	.372435	24	.073644	.290869
25	.091799	.553470	25	.089425	.461860	25	.082804	.373673
26	.088269	.641738	26	.090633	.552493	26	.088345	.462018
27	.080640	.722379	27	.087276	.639769	27	.089555	.551573
28	.070080	.792459	28	.079947	.719716	28	.086357	.637930
29	.057998	.850457	29	.069740	.789456	29	.079300	.717230
30	.045754	.896210	30	.057991	.847446	30	.069414	.786644
31	.034438	.930649	31	.046008	.893455	31	.057973	.844617
32	.024752	.955401	32	.034856	.928310	32	.046235	.890852
33	.017002	.972403	33	.025236	.953546	33	.035237	.926089
34	.011168	.983371	34	.017472	.971018	34	.025683	.951772
35	.007020	.990590	35	.011576	.982595	35	.017913	.969684
36	.004225	.994815	36	.007344	.989938	36	.011962	.981647
37	.002436	.997251	37	.004463	.994402	37	.007633	.989299
38	.001346	.998597	38	.002600	.997001	38	.004693	.993992
39	.000713	.999311	39	.001452	.998453	39	.002759	.996751
40	.000363	.999673	40	.000778	.999232	40	.001556	.998308
41	.000177	.999850	41	.000400	.999632	41	.000842	.999130
42	.000083	.999933	42	.000197	.999829	42	.000438	.999588
43	.000037	.999970	43	.000094	.999923	43	.000218	.999806
44	.000016	.999986	44	.000043	.999965	44	.000105	.999911
45	.000007	.999993	45	.000019	.999984	45	.000048	.999955
46	.000003	.999996	46	.000008	.999992	46	.000021	.999980
47	.000001	.999997	47	.000003	.999995	47	.000009	.999989
48	.000000	.999997	48	.000001	.999996	48	.000004	.999993
			49	.000000	.999997	49	.000001	.999995
						50	.000001	.999995
						51	.000000	.999995

50-100 BINOMIAL TABLES

n=
100

p=.28

x	Individual Term	Cumulative (x or less)
8	.000001	.000001
9	.000002	.000003
10	.000007	.000010
11	.000024	.000034
12	.000068	.000102
13	.000179	.000281
14	.000433	.000713
15	.000965	.001678
16	.001993	.003671
17	.003829	.007500
18	.006867	.014367
19	.011525	.025891
20	.018151	.044043
21	.026891	.070934
22	.037552	.108486
23	.049525	.158012
24	.061792	.219804
25	.073052	.292856
26	.081949	.374805
27	.087345	.462151
28	.088558	.550709
29	.085505	.636214
30	.078696	.714910
31	.069106	.784016
32	.057948	.841964
33	.046437	.888400
34	.035586	.923986
35	.026097	.950083
36	.018324	.968407
37	.012326	.980733
38	.007947	.988680
39	.004913	.993593
40	.002914	.996507
41	.001658	.998165
42	.000906	.999071
43	.000475	.999546
44	.000239	.999783
45	.000116	.999901
46	.000054	.999955
47	.000024	.999979
48	.000010	.999990
49	.000004	.999994
50	.000002	.999996
51	.000001	.999996
52	.000000	.999996

p=.29

x	Individual Term	Cumulative (x or less)
9	.000001	.000001
10	.000003	.000004
11	.000010	.000014
12	.000030	.000044
13	.000084	.000128
14	.000212	.000340
15	.000497	.000838
16	.001079	.001917
17	.002178	.004095
18	.004102	.008197
19	.007231	.015427
20	.011961	.027389
21	.018612	.046000
22	.027298	.073299
23	.037813	.111111
24	.049552	.160663
25	.061528	.222191
26	.072493	.294684
27	.081153	.375837
28	.086419	.462257
29	.087636	.549893
30	.084715	.634608
31	.078134	.712742
32	.068814	.781556
33	.057918	.839473
34	.046617	.886090
35	.035906	.921996
36	.026480	.948476
37	.018708	.967184
38	.012669	.979852
39	.008226	.988079
40	.005124	.993202
41	.003063	.996265
42	.001757	.998022
43	.000968	.998991
44	.000512	.999503
45	.000260	.999763
46	.000127	.999891
47	.000060	.999950
48	.000027	.999977
49	.000012	.999989
50	.000005	.999994
51	.000002	.999996
52	.000001	.999996
53	.000000	.999997

p=.30

x	Individual Term	Cumulative (x or less)
9	.000000	.000000
10	.000001	.000002
11	.000004	.000006
12	.000013	.000019
13	.000038	.000057
14	.000101	.000157
15	.000248	.000405
16	.000564	.000969
17	.001194	.002163
18	.002360	.004523
19	.004365	.008887
20	.007576	.016463
21	.012368	.028831
22	.019034	.047866
23	.027665	.075531
24	.038039	.113570
25	.049560	.163130
26	.061269	.224399
27	.071967	.296365
28	.080412	.376777
29	.085561	.462338
30	.086784	.549122
31	.083984	.633106
32	.077610	.710717
33	.068539	.779256
34	.057884	.837139
35	.046780	.883919
36	.036198	.920117
37	.026834	.946952
38	.019067	.966018
39	.012990	.979009
40	.008490	.987499
41	.005325	.992824
42	.003206	.996029
43	.001853	.997883
44	.001029	.998911
45	.000549	.999460
46	.000281	.999741
47	.000138	.999880
48	.000066	.999945
49	.000030	.999975
50	.000013	.999988
51	.000005	.999994
52	.000002	.999996
53	.000001	.999997
54	.000000	.999997

n=
100

50-100 BINOMIAL TABLES

p=.31			p=.32			p=.33		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
10	.000000	.000001	10	.000000	.000000	12	.000001	.000001
11	.000002	.000002	11	.000001	.000001	13	.000003	.000004
12	.000005	.000008	12	.000002	.000003	14	.000009	.000013
13	.000017	.000024	13	.000007	.000010			
14	.000046	.000071	14	.000021	.000031	15	.000025	.000038
						16	.000065	.000103
15	.000119	.000190	15	.000055	.000086	17	.000139	.000262
16	.000285	.000474	16	.000139	.000225	18	.000361	.000624
17	.000632	.001106	17	.000323	.000547	19	.000768	.001392
18	.001308	.002414	18	.000700	.001247			
19	.002537	.004951	19	.001422	.002669	20	.001533	.002925
						21	.002876	.005800
20	.004616	.009568	20	.002709	.005378	22	.005086	.010886
21	.007901	.017469	21	.004857	.010235	23	.008495	.019381
22	.012747	.030216	22	.008208	.018443	24	.013424	.032806
23	.019422	.049638	23	.013099	.031542			
24	.027995	.077633	24	.019776	.051318	25	.020100	.052906
						26	.028558	.081464
25	.038236	.115869	25	.028292	.079610	27	.038551	.120015
26	.049553	.165422	26	.038405	.118016	28	.049504	.169519
27	.061017	.226439	27	.049534	.167550	29	.060536	.230056
28	.071471	.297910	28	.060773	.228322			
29	.079721	.377631	29	.071004	.299326	30	.070565	.300621
						31	.078481	.379102
30	.084766	.462397	30	.079079	.378405	32	.083350	.462452
31	.085995	.548392	31	.084031	.462436	33	.084594	.547046
32	.083308	.631700	32	.085247	.547702	34	.082106	.629152
33	.077125	.708825	33	.082683	.630385			
34	.068281	.777106	34	.076675	.707060	35	.076239	.705411
						36	.067817	.773228
35	.057848	.834954	35	.068041	.775100	37	.057777	.831005
36	.046926	.881880	36	.057812	.832913	38	.047179	.878184
37	.036467	.918347	37	.047059	.879971	39	.036942	.915126
38	.027163	.945510	38	.036715	.916686			
39	.019401	.964910	39	.027467	.944153	40	.027748	.942874
						41	.020000	.962874
40	.013292	.978203	40	.019711	.963864	42	.013838	.976712
41	.008739	.986942	41	.013575	.977439	43	.009193	.985906
42	.005516	.992457	42	.008974	.986412	44	.005866	.991772
43	.003342	.995800	43	.005696	.992108			
44	.001945	.997745	44	.003472	.995581	45	.003595	.995367
						46	.002117	.997484
45	.001088	.998833	45	.002034	.997614	47	.001198	.998683
46	.000584	.999417	46	.001144	.998758	48	.000652	.999334
47	.000302	.999719	47	.000619	.999377	49	.000341	.999675
48	.000150	.999868	48	.000321	.999698			
49	.000071	.999940	49	.000161	.999859	50	.000171	.999846
						51	.000083	.999928
50	.000033	.999972	50	.000077	.999936	52	.000038	.999967
51	.000014	.999987	51	.000036	.999972	53	.000017	.999984
52	.000006	.999993	52	.000016	.999987	54	.000007	.999991
53	.000002	.999995	53	.000007	.999994			
54	.000001	.999996	54	.000003	.999997	55	.000003	.999994
						56	.000001	.999995
55	.000000	.999997	55	.000001	.999998	57	.000000	.999996
			56	.000000	.999998			

50-100 BINOMIAL TABLES

n=100

p=.34

x	Individual Term	Cumulative (x or less)
12	.000000	.000000
13	.000001	.000002
14	.000004	.000005
15	.000011	.000016
16	.000030	.000046
17	.000076	.000122
18	.000180	.000302
19	.000401	.000703
20	.000836	.001539
21	.001641	.003180
22	.003035	.006215
23	.005303	.011518
24	.008764	.020282
25	.013725	.034007
26	.020396	.054402
27	.028796	.083199
28	.038676	.121874
29	.049466	.171341
30	.060309	.231649
31	.070154	.301803
32	.077927	.379730
33	.082721	.462451
34	.083974	.546425
35	.081575	.628000
36	.075876	.703875
37	.067611	.771486
38	.057744	.829230
39	.047290	.876520
40	.037151	.913672
41	.028008	.941680
42	.020268	.961948
43	.014083	.976031
44	.009399	.985430
45	.006025	.991455
46	.003711	.995166
47	.002197	.997363
48	.001249	.998612
49	.000683	.999296
50	.000359	.999654
51	.000181	.999836
52	.000088	.999924
53	.000041	.999965
54	.000018	.999983
55	.000008	.999991
56	.000003	.999994
57	.000001	.999996
58	.000000	.999996

p=.35

x	Individual Term	Cumulative (x or less)
13	.000000	.000001
14	.000001	.000002
15	.000005	.000007
16	.000013	.000020
17	.000035	.000055
18	.000087	.000142
19	.000202	.000343
20	.000440	.000784
21	.000903	.001686
22	.001746	.003432
23	.003188	.006620
24	.005507	.012127
25	.009015	.021142
26	.014002	.035144
27	.020664	.055807
28	.029009	.084816
29	.038781	.123598
30	.049421	.173019
31	.060090	.233109
32	.069768	.302877
33	.077412	.380289
34	.082141	.462430
35	.083404	.545834
36	.081087	.626921
37	.075524	.702446
38	.067422	.769867
39	.057714	.827581
40	.047392	.874973
41	.037345	.912317
42	.028248	.940565
43	.020516	.961082
44	.014311	.975393
45	.009590	.984982
46	.006174	.991156
47	.003820	.994976
48	.002271	.997247
49	.001298	.998545
50	.000713	.999257
51	.000376	.999634
52	.000191	.999824
53	.000093	.999918
54	.000044	.999961
55	.000020	.999981
56	.000009	.999989
57	.000004	.999993
58	.000001	.999994
59	.000001	.999995
60	.000000	.999995

p=.36

x	Individual Term	Cumulative (x or less)
13	.000000	.000000
14	.000001	.000001
15	.000002	.000003
16	.000006	.000008
17	.000016	.000024
18	.000040	.000064
19	.000098	.000163
20	.000224	.000386
21	.000479	.000865
22	.000968	.001834
23	.001847	.003680
24	.003333	.007013
25	.005699	.012712
26	.009247	.021960
27	.014256	.036216
28	.020907	.057123
29	.029198	.086321
30	.038870	.125190
31	.049371	.174561
32	.059881	.234442
33	.069408	.303850
34	.076936	.380786
35	.081607	.462393
36	.082882	.545274
37	.080642	.625916
38	.075204	.701120
39	.067249	.768369
40	.057687	.826057
41	.047487	.873543
42	.037323	.911066
43	.028469	.939535
44	.020745	.960281
45	.014522	.974803
46	.009767	.984569
47	.006312	.990881
48	.003920	.994802
49	.002340	.997142
50	.001343	.998485
51	.000740	.999225
52	.000392	.999618
53	.000200	.999818
54	.000098	.999915
55	.000046	.999962
56	.000021	.999982
57	.000009	.999991
58	.000004	.999995
59	.000002	.999997
60	.000001	.999997
61	.000000	.999997

n-
100

50-100 BINOMIAL TABLES

p=.37

x	Individual Term	Cumulative (x or less)
15	.000001	.000001
16	.000002	.000003
17	.000007	.000010
18	.000018	.000028
19	.000046	.000074
20	.000110	.000184
21	.000246	.000430
22	.000517	.000948
23	.001031	.001979
24	.001944	.003923
25	.003470	.007393
26	.005879	.013271
27	.009463	.022734
28	.014489	.037223
29	.021127	.058349
30	.029365	.087714
31	.038943	.126657
32	.049316	.175973
33	.059682	.235655
34	.069072	.304726
35	.076496	.381222
36	.081116	.462338
37	.082404	.544742
38	.080235	.624978
39	.074913	.699891
40	.067094	.766985
41	.057665	.824650
42	.047575	.872225
43	.037688	.909913
44	.028674	.938586
45	.020957	.959543
46	.014716	.974259
47	.009930	.984189
48	.006439	.990628
49	.004013	.994641
50	.002404	.997045
51	.001384	.998430
52	.000766	.999196
53	.000407	.999603
54	.000208	.999812
55	.000102	.999914
56	.000048	.999962
57	.000022	.999984
58	.000010	.999994
59	.000004	.999998
60	.000002	.999999
61	.000001	1.000000

p=.38

x	Individual Term	Cumulative (x or less)
15	.000001	.000001
16	.000003	.000004
17	.000008	.000012
18	.000021	.000033
19	.000052	.000085
20	.000121	.000206
21	.000267	.000474
22	.000556	.001029
23	.001093	.002122
24	.002036	.004158
25	.003599	.007757
26	.006046	.013802
27	.009661	.023463
28	.014701	.038164
29	.021324	.059488
30	.029512	.088999
31	.039002	.128001
32	.049257	.177258
33	.059492	.236750
34	.068758	.305509
35	.076090	.381599
36	.080668	.462267
37	.081969	.544235
38	.079867	.624102
39	.074650	.698752
40	.066956	.765708
41	.057648	.823356
42	.047658	.871014
43	.037840	.908854
44	.028861	.937715
45	.021150	.958865
46	.014894	.973759
47	.010079	.983838
48	.006556	.990394
49	.004098	.994492
50	.002463	.996955
51	.001422	.998377
52	.000789	.999167
53	.000421	.999588
54	.000216	.999804
55	.000106	.999910
56	.000050	.999961
57	.000023	.999983
58	.000010	.999993
59	.000004	.999998
60	.000002	.999999
61	.000001	.999999
62	.000001	1.000000

p=.39

x	Individual Term	Cumulative (x or less)
17	.000001	.000001
18	.000003	.000005
19	.000009	.000014
20	.000024	.000038
21	.000058	.000096
22	.000133	.000229
23	.000289	.000518
24	.000592	.001110
25	.001151	.002261
26	.002123	.004384
27	.003720	.008104
28	.006200	.014304
29	.009842	.024146
30	.014892	.039039
31	.021500	.060539
32	.029639	.090178
33	.039048	.129226
34	.049196	.178423
35	.059312	.237734
36	.068468	.306202
37	.075718	.381921
38	.080259	.462179
39	.081574	.543754
40	.079535	.623289
41	.074415	.697704
42	.066834	.764538
43	.057636	.822174
44	.047736	.869911
45	.037980	.907891
46	.029034	.936924
47	.021327	.958252
48	.015056	.973307
49	.010215	.983522
50	.006662	.990184
51	.004176	.994359
52	.002516	.996875
53	.001457	.998332
54	.000811	.999142
55	.000433	.999576
56	.000223	.999798
57	.000110	.999908
58	.000052	.999960
59	.000024	.999984
60	.000010	.999994
61	.000004	.999999
62	.000002	1.000000
63	.000001	1.000001

50-100 BINOMIAL TABLES

n=
100

p=.40		
x	Individual Term	Cumulative (x or less)
18	.000001	.000002
19	.000004	.000006
20	.000011	.000016
21	.000027	.000043
22	.000064	.000107
23	.000145	.000252
24	.000310	.000561
25	.000627	.001189
26	.001207	.002395
27	.002205	.004600
28	.003832	.008432
29	.006343	.014775
30	.010008	.024783
31	.015065	.039848
32	.021656	.061504
33	.029750	.091253
34	.039083	.130336
35	.049133	.179469
36	.059141	.238610
37	.068199	.306810
38	.075378	.382187
39	.079888	.462075
40	.081219	.543294
41	.079239	.622533
42	.074208	.696741
43	.066729	.763470
44	.057630	.821100
45	.047811	.868911
46	.038111	.907022
47	.029191	.936213
48	.021488	.957700
49	.015202	.972903
50	.010338	.983240
51	.006757	.989997
52	.004245	.994241
53	.002563	.996804
54	.001487	.998291
55	.000829	.999120
56	.000444	.999564
57	.000229	.999793
58	.000113	.999906
59	.000054	.999960
60	.000024	.999984
61	.000011	.999995
62	.000004	.999999
63	.000002	1.000001
64	.000001	1.000002

p=.41		
x	Individual Term	Cumulative (x or less)
18	.000001	.000001
19	.000002	.000002
20	.000004	.000007
21	.000012	.000019
22	.000030	.000048
23	.000070	.000118
24	.000156	.000274
25	.000330	.000604
26	.000661	.001265
27	.001259	.002524
28	.002281	.004806
29	.003936	.008741
30	.006473	.015214
31	.010157	.025371
32	.015219	.040590
33	.021793	.062384
34	.029843	.092227
35	.039107	.131334
36	.049068	.180402
37	.058981	.239383
38	.067951	.307334
39	.075068	.382403
40	.079553	.461956
41	.080902	.542858
42	.078976	.621834
43	.074026	.695860
44	.066641	.762500
45	.057630	.820130
46	.047883	.868013
47	.038230	.906243
48	.029334	.935578
49	.021633	.957211
50	.015334	.972544
51	.010447	.982991
52	.006841	.989832
53	.004305	.994137
54	.002604	.996741
55	.001513	.998254
56	.000845	.999099
57	.000453	.999553
58	.000234	.999786
59	.000116	.999902
60	.000055	.999957
61	.000025	.999982
62	.000011	.999993
63	.000005	.999997
64	.000002	.999999
65	.000001	1.000000
66	.000000	1.000000

p=.42		
x	Individual Term	Cumulative (x or less)
19	.000001	.000001
20	.000002	.000002
21	.000005	.000008
22	.000013	.000021
23	.000033	.000054
24	.000076	.000130
25	.000167	.000297
26	.000349	.000646
27	.000693	.001339
28	.001308	.002647
29	.002352	.004999
30	.004031	.009029
31	.006591	.015620
32	.010291	.025911
33	.015356	.041267
34	.021912	.063179
35	.029922	.093101
36	.039122	.132222
37	.049002	.181225
38	.058830	.240054
39	.067724	.307779
40	.074789	.382567
41	.079254	.461822
42	.080621	.542443
43	.078746	.621189
44	.073871	.695059
45	.066569	.761628
46	.057636	.819264
47	.047953	.867217
48	.038341	.905558
49	.029464	.935022
50	.021763	.956785
51	.015450	.972236
52	.010543	.982778
53	.006914	.989693
54	.004358	.994050
55	.002639	.996690
56	.001536	.998225
57	.000858	.999084
58	.000461	.999545
59	.000238	.999782
60	.000118	.999900
61	.000056	.999956
62	.000025	.999981
63	.000011	.999992
64	.000005	.999997
65	.000002	.999999
66	.000001	.999999
67	.000000	1.000000

n=
100

50-100 BINOMIAL TABLES

p=.43			p=.44			p=.45		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
20	.000001	.000001	21	.000001	.000001	22	.000001	.000001
21	.000002	.000003	22	.000002	.000003	23	.000003	.000004
22	.000006	.000009	23	.000006	.000010	24	.000007	.000011
23	.000015	.000024	24	.000016	.000026			
24	.000036	.000059				25	.000017	.000028
			25	.000038	.000064	26	.000041	.000069
25	.000082	.000141	26	.000087	.000151	27	.000092	.000162
26	.000178	.000319	27	.000188	.000339	28	.000197	.000359
27	.000367	.000686	28	.000385	.000724	29	.000401	.000760
28	.000723	.001409	29	.000750	.001474			
29	.001354	.002762				30	.000776	.001535
			30	.001395	.002870	31	.001433	.002968
30	.002417	.005179	31	.002476	.005345	32	.002528	.005497
31	.004117	.009296	32	.004194	.009539	33	.004263	.009760
32	.006697	.015993	33	.006791	.016330	34	.006873	.016632
33	.010410	.026402	34	.010514	.026844			
34	.015475	.041878				35	.010604	.027236
			35	.015578	.042422	36	.015664	.042900
35	.022014	.063892	36	.022099	.064521	37	.022169	.065069
36	.029985	.093877	37	.030035	.094556	38	.030071	.095140
37	.039127	.133004	38	.039124	.133680	39	.039113	.134254
38	.048936	.181940	39	.048870	.182550			
39	.058688	.240629				40	.048803	.183057
			40	.058556	.241106	41	.058434	.241490
40	.067517	.308146	41	.067329	.308436	42	.067161	.308651
41	.074538	.382683	42	.074314	.382750	43	.074118	.382769
42	.078990	.461673	43	.078758	.461508	44	.078559	.461329
43	.080376	.542049	44	.080165	.541673			
44	.078549	.620598				45	.079988	.541316
			45	.078383	.620056	46	.078249	.619565
45	.073741	.694339	46	.073637	.693693	47	.073557	.693122
46	.066513	.760852	47	.066474	.760167	48	.066452	.759573
47	.057650	.818502	48	.057670	.817838	49	.057698	.817272
48	.048020	.866522	49	.048087	.865924			
49	.038444	.904966				50	.048152	.865424
			50	.038538	.904462	51	.038625	.904049
50	.029581	.934548	51	.029686	.934149	52	.029779	.933827
51	.021878	.956426	52	.021979	.956128	53	.022066	.955893
52	.015552	.971978	53	.015640	.971768	54	.015714	.971607
53	.010626	.982604	54	.010696	.982464			
54	.006977	.989581				55	.010753	.982360
			55	.007029	.989492	56	.007070	.989429
55	.004402	.993983	56	.004438	.993930	57	.004465	.993894
56	.002668	.996651	57	.002692	.996621	58	.002708	.996603
57	.001554	.998205	58	.001568	.998189	59	.001577	.998180
58	.000869	.999074	59	.000877	.999066			
59	.000467	.999541				60	.000882	.999062
			60	.000471	.999537	61	.000473	.999535
60	.000241	.999782	61	.000243	.999780	62	.000244	.999779
61	.000119	.999901	62	.000120	.999900	63	.000120	.999899
62	.000056	.999957	63	.000057	.999956	64	.000057	.999956
63	.000026	.999983	64	.000026	.999982			
64	.000011	.999994				65	.000026	.999981
			65	.000011	.999993	66	.000011	.999993
65	.000005	.999999	66	.000005	.999998	67	.000005	.999997
66	.000002	1.000001	67	.000002	1.000000	68	.000002	.999999
67	.000001	1.000001	68	.000001	1.000001	69	.000001	1.000000
68	.000000	1.000002	69	.000000	1.000001			
						70	.000000	1.000000

50-100 BINOMIAL TABLES

n=
100

p=.46

x	Individual Term	Cumulative (x or less)
23	.000001	.000001
24	.000003	.000004
25	.000008	.000012
26	.000019	.000031
27	.000044	.000075
28	.000097	.000172
29	.000206	.000378
30	.000415	.000793
31	.000799	.001592
32	.001467	.003059
33	.002575	.005634
34	.004322	.009956
35	.006943	.016899
36	.010679	.027578
37	.015735	.043314
38	.022223	.065536
39	.030095	.095631
40	.039095	.134726
41	.048737	.183463
42	.058321	.241783
43	.067011	.308794
44	.073949	.382743
45	.078392	.461135
46	.079844	.540978
47	.078145	.619123
48	.073502	.692625
49	.066446	.759071
50	.057734	.816805
51	.048217	.865022
52	.038704	.903726
53	.029860	.933585
54	.022139	.955724
55	.015773	.971497
56	.010797	.982294
57	.007100	.989393
58	.004484	.993877
59	.002719	.996596
60	.001583	.998179
61	.000884	.999063
62	.000474	.999537
63	.000243	.999780
64	.000120	.999900
65	.000057	.999956
66	.000026	.999982
67	.000011	.999993
68	.000005	.999998
69	.000002	.999999
70	.000001	1.000000
71	.000000	1.000000

p=.47

x	Individual Term	Cumulative (x or less)
24	.000001	.000002
25	.000003	.000005
26	.000008	.000013
27	.000020	.000033
28	.000046	.000079
29	.000102	.000181
30	.000214	.000395
31	.000428	.000823
32	.000819	.001642
33	.001497	.003139
34	.002615	.005754
35	.004373	.010127
36	.007002	.017129
37	.010741	.027870
38	.015791	.043661
39	.022262	.065923
40	.030106	.096029
41	.039070	.135098
42	.048670	.183769
43	.058217	.241985
44	.066879	.308864
45	.073805	.382670
46	.078256	.460925
47	.079732	.540657
48	.078071	.618728
49	.073471	.692200
50	.066457	.758657
51	.057778	.816435
52	.048281	.864716
53	.038776	.903492
54	.029929	.933421
55	.022198	.955619
56	.015818	.971437
57	.010828	.982265
58	.007119	.989384
59	.004494	.993878
60	.002723	.996601
61	.001584	.998185
62	.000883	.999068
63	.000473	.999541
64	.000242	.999783
65	.000119	.999902
66	.000056	.999958
67	.000025	.999983
68	.000011	.999994
69	.000004	.999998
70	.000002	1.000000
71	.000001	1.000001
72	.000000	1.000001

p=.48

x	Individual Term	Cumulative (x or less)
25	.000001	.000002
26	.000003	.000005
27	.000009	.000014
28	.000021	.000035
29	.000049	.000084
30	.000106	.000190
31	.000221	.000411
32	.000440	.000851
33	.000837	.001687
34	.001522	.003209
35	.002649	.005858
36	.004415	.010273
37	.007050	.017323
38	.010789	.028112
39	.015832	.043943
40	.022286	.066229
41	.030105	.096335
42	.039037	.135372
43	.048605	.183976
44	.058122	.242098
45	.066765	.308863
46	.073687	.382551
47	.078150	.460701
48	.079653	.540353
49	.078027	.618380
50	.073465	.691846
51	.066485	.758330
52	.057830	.816160
53	.048345	.864505
54	.038842	.903347
55	.029987	.933334
56	.022243	.955577
57	.015849	.971426
58	.010846	.982272
59	.007127	.989399
60	.004496	.993895
61	.002721	.996616
62	.001580	.998196
63	.000880	.999076
64	.000469	.999546
65	.000240	.999786
66	.000117	.999903
67	.000055	.999958
68	.000025	.999983
69	.000010	.999993
70	.000004	.999997
71	.000002	.999999
72	.000001	1.000000

n=
100

50-100 BINOMIAL TABLES

p=.49			p=.50		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
25	.000001	.000001	25	.000001	.000001
26	.000001	.000002	26	.000002	.000002
27	.000004	.000006	27	.000004	.000006
28	.000009	.000015	28	.000009	.000016
29	.000022	.000037	29	.000010	.000016
30	.000051	.000088	30	.000023	.000039
31	.000110	.000197	31	.000052	.000091
32	.000227	.000425	32	.000113	.000204
33	.000450	.000874	33	.000232	.000437
34	.000852	.001726	34	.000458	.000895
35	.001543	.003269	35	.000864	.001758
36	.002677	.005946	36	.001560	.003318
37	.004448	.010394	37	.002698	.006016
38	.007086	.017480	38	.004473	.010489
39	.010823	.028303	39	.007111	.017600
40	.015858	.044161	40	.010844	.028444
41	.022296	.066457	41	.015869	.044313
42	.030093	.096549	42	.022292	.066605
43	.038998	.135548	43	.030069	.096674
44	.048539	.184087	44	.038953	.135626
45	.058036	.242123	45	.048474	.184101
46	.066669	.308792	46	.057958	.242059
47	.073595	.382387	47	.066650	.308649
48	.078074	.460461	48	.073527	.382176
49	.079605	.540067	49	.078029	.460205
50	.078013	.618080	50	.079589	.539794
51	.073484	.691564	51	.078029	.617823
52	.066529	.758093	52	.073527	.691350
53	.057890	.815983	53	.066590	.757940
54	.048410	.864393	54	.057958	.815899
55	.038900	.903293	55	.048474	.864373
56	.030033	.933326	56	.038953	.903326
57	.022275	.955601	57	.030069	.933394
58	.015866	.971467	58	.022292	.955686
59	.010852	.982319	59	.015869	.971556
60	.007125	.989443	60	.010844	.982399
61	.004489	.993932	61	.007111	.989510
62	.002713	.996645	62	.004473	.993983
63	.001572	.998217	63	.002698	.996681
64	.000873	.999090	64	.001560	.998241
65	.000465	.999555	65	.000864	.999105
66	.000237	.999791	66	.000458	.999563
67	.000115	.999907	67	.000232	.999795
68	.000054	.999961	68	.000113	.999908
69	.000024	.999985	69	.000052	.999960
70	.000010	.999995	70	.000023	.999983
71	.000004	.999999	71	.000010	.999993
72	.000002	1.000001	72	.000004	.999997
73	.000001	1.000001	73	.000002	.999999
74	.000000	1.000001	74	.000001	.999999
			75	.000000	1.000000

